Dazzle®

ZiO!™

Hi-Speed Portable Reader/Writer
User's Guide

Dazzle
An SCM Microsystems Brand
www.Dazzle.com

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Revision D 5/20/03

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Introduction

Congratulations!

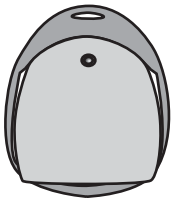
You have just purchased the Dazzle ZiO!™ Hi-Speed Portable Reader/Writer.

The Dazzle ZiO! Hi-Speed Portable Reader/Writer (also referred to as ZiO HS Reader/Writer throughout this guide) is designed for people on the go who have digital cameras or other digital devices like MP3 players, mobile phones and PDAs that use digital media. Your ZiO HS Reader/Writer addresses the two most important needs for mobile professionals, durability and speed. When you flip your ZiO HS Reader/Writer into the open position, the sleek and lightweight device can be connected directly to your computer's USB port for digital media access or can be connected with a supplied USB cable. When flipped into the closed position, the ZiO HS Reader/Writer covers both an inserted digital media card and the USB connector, turning the device into a durable yet highly portable digital media carrying case.

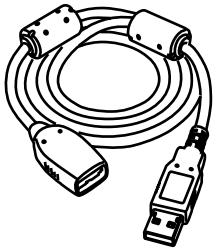
You can connect your ZiO HS Reader/Writer to computers with USB 1.1 ports or USB 2.0 ports. Computers with USB 2.0 ports will utilize the ZiO HS Reader/Writer's Hi-Speed transfer capability, moving data at a much faster rate than computers with USB 1.1 ports. The ZiO HS Reader/Writer is available in four different models: CompactFlash™ (Type I & II, including IBM® Microdrive™), SmartMedia™/xD™, MultiMediaCard™/Secure Digital™, and Memory Stick® (including MagicGate™). Included with the ZiO HS Reader/Writer is Dazzle OnDVD™ software, which lets you make photo slideshows and burn them to a CD for playback on your DVD player.

What's Included

Dazzle Installation CD



ZiO! Hi-Speed Portable Reader/Writer
(Also referred to as ZiO HS Reader/Writer)



USB Extender Cable

OnDVD
User's Guide
(PC-only
Included on CD)

ZiO! Hi-Speed
Portable
Reader/Writer
User's Guide
(Included on CD)

ZiO! Hi-Speed
Portable
Reader/Writer
Quickstart Guide
(included on inside
of packaging)

Dazzle Technical
Resource Center
Information
(Included on CD)

About This Guide

This Guide explains how to use the Dazzle ZiO HS Reader/Writer. Following is a description of each section:

"Getting Started" on page 5 lists the minimum system requirements for the ZiO HS Reader/Writer, explains how to register your Dazzle product, provides a hardware overview and a software overview, and describes the software and hardware installation process for PC and Macintosh computers.

"Using the ZiO HS Reader/Writer" on page 20 shows you how to insert, access, format, and remove digital media cards on PC and Macintosh computers, and how to transfer files between your computer and a card.

"Troubleshooting" on page 42 provides answers to frequently asked questions.

"Technical Support" on page 45 provides information on Dazzle's North American and European Technical Resource Centers, and also includes warranty information.

Getting Started

Minimum System Requirements

To use the ZiO HS Reader/Writer, your system must meet the following requirements:

PC Requirements

200MHz or faster processor

USB Port

USB 2.0 port for maximum performance

Windows® 98 SE, 2000, Me, or XP

CD-ROM drive (for driver software and bonus software installation)

64MB RAM minimum (128MB recommended)

4MB free disk space

Macintosh® Requirements

G3 processor or faster (iMac®, iBook®, PowerBook®, PowerMac® G3 and G4)

USB Port

USB 2.0 port for maximum performance

Mac OS® 9.x or higher*

CD-ROM drive (to access electronic documentation)

64MB RAM minimum (128MB recommended)

*If you are running Mac OS X, version 10.0.4 or higher is required.

PC Requirements for OnDVD

500MHz or faster processor

50MB free disk space

Windows® 98 SE, 2000, Me, or XP

64MB RAM minimum (128MB recommended)

PC must have sound card

CD Burner for VCD creation

CD/DVD-ROM drive for software installation

DVD player must support Video CD format and either CD-R or CD-RW media

Registering Your ZiO HS Reader/Writer

Thank you again for purchasing the Dazzle ZiO HS Reader/Writer. In order for us to better serve you, we encourage you to register your ZiO HS Reader/Writer as soon as possible. Registering your ZiO HS Reader/Writer entitles you to the following benefits:

- Free periodic driver software updates (when available)
- Technical Resources from Dazzle

Registering On a PC

To register on a PC, insert your Dazzle Installation CD in your CD/DVD-ROM drive, select your language, and then click **Product Registration** in the Installer Main menu to display the PC Registration screen. For more information on the PC Installer, see "Installing the Software On a PC" on page 9.

When the PC Registration screen appears, click **Register Online** to register your ZiO HS Reader/Writer on the Web or click **Other Method** to register by e-mail, modem, or fax.

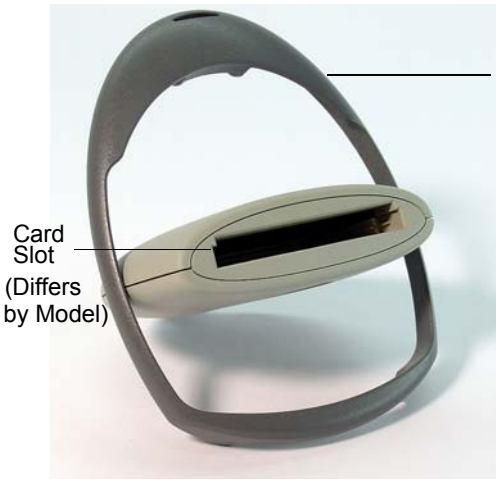
Product Registration
Dazzle
PRODUCT REGISTRATION
Please take a moment to register. Registration entitles you to receive important product updates, tips, and exciting new product information!
Register Online
Other Method
Cancel

Registering On a Macintosh

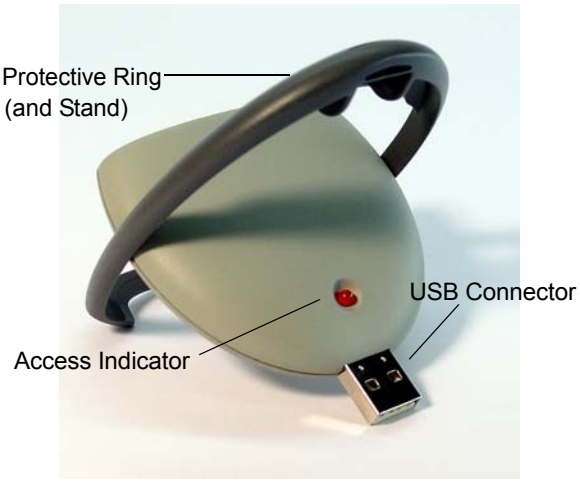
To register on a Macintosh (English only), insert your Dazzle Installation CD in your CD/DVD-ROM drive. Then double-click the **Product Registration** icon on the CD to display the Mac Registration screen (which differs slightly from the PC Registration screen shown above). When the Mac Registration screen appears, click **Register via Internet** to register your ZiO HS Reader/Writer on the Web or click **Other Reg Method** to register by e-mail, modem, or fax.

Hardware Overview

You can connect your ZiO HS Reader/Writer to computers with USB 1.1 ports or USB 2.0 ports. Computers with USB 2.0 ports will utilize the ZiO HS Reader/Writer's Hi-Speed transfer capability, moving data at a much faster rate than computers with USB 1.1 ports. The ZiO HS Reader/Writer is available in four different models: SmartMedia/xD, CompactFlash (Type I & II, including IBM Microdrive), MultiMediaCard/Secure Digital, and MemoryStick (including MagicGate).

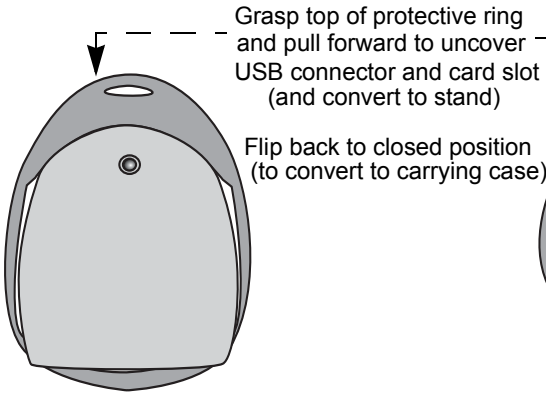


ZiO HS Reader/Writer/Front View

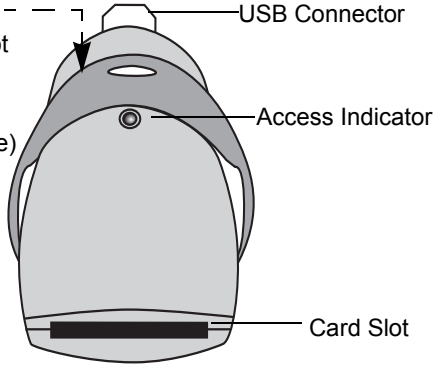


ZiO HS Reader/Writer/Rear View

The ZiO HS Reader/Writer is shipped in the closed position with its protective ring covering the card slot and the USB connector. To prepare your ZiO HS Reader/Writer for use, begin by positioning the unit with the Access Indicator on top, as shown below. Then simply flip the protective ring to the open position to uncover the USB connector and the card slot and convert the ring to a stand. Later, when you're done using your ZiO HS Reader/Writer, you can cover the USB connector and the card slot (with or without a card inserted) by flipping the protective ring back to the closed position. This turns your ZiO HS Reader/Writer into a portable digital media carrying case.


Grasp top of protective ring
and pull forward to uncover
USB connector and card slot
(and convert to stand)
Flip back to closed position
(to convert to carrying case)

ZiO HS Reader/Writer/Closed



ZiO HS Reader/Writer/Open

Software Overview

Driver Software

PC driver software is required for Windows 98 SE. It is not required for Windows Me, XP, or 2000. Driver software is not required for Macintosh computers running Mac OS 9.x or Mac OS 10.0.4 or higher. If you are running a Mac OS X version prior to version 10.0.4, please contact Apple® for an upgrade. PC and Macintosh installation instructions are provided on the following pages.

Dazzle OnDVD™ (PCs only)

Digital cameras allow you to take an unlimited number of pictures that quickly pile up on your computer and become difficult to manage. With OnDVD, you can take your digital pictures, arrange them in a timeline, edit your photos, add background music and burn a slideshow to a CD which can be played back on a home DVD player. You can install OnDVD by following the instructions for "Installing the Software On a PC" on page 9 of this guide. After installing OnDVD, you can launch it from the shortcut on the desktop or from the **Start**>**Programs**>**OnDVD** menu. For a tutorial on creating Slideshows, refer to your *OnDVD User's Guide (*also included in the **Start**>**Programs**>**OnDVD** menu).

Adobe® Acrobat® Reader 5

Adobe Acrobat Reader 5 is provided for PC and Macintosh users who do not have it already installed on their systems. You need this application to read the supplied electronic users' guides. You can install Acrobat Reader 5 on a PC by following the instructions for "Installing the Software On a PC" on page 9 of this guide. You can install Acrobat Reader 5 on a Macintosh by following the instructions on page 17 of this guide.

Installing the Software On a PC

The Dazzle Installation CD includes the following PC software components:

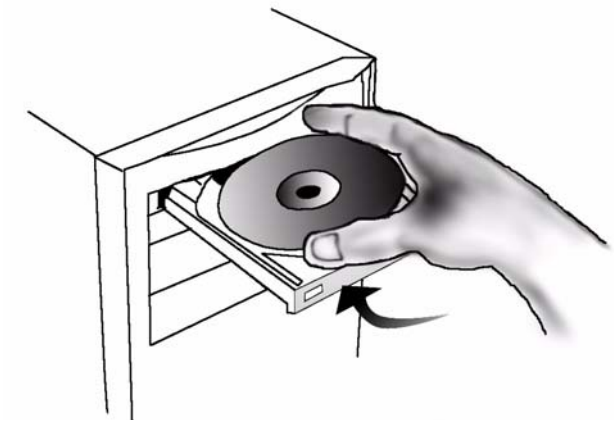
- Hardware Drivers (Windows 98 SE only)
- Dazzle OnDVD Software
- Adobe Acrobat Reader 5 Installer (required for electronic documentation)
- Dazzle Technical Resource Center Information*
- Dazzle Product Demo (English only)
- Dazzle Product Registration
- Electronic Users' Guides

*You can also find information on Dazzle's North American and European Technical Resource Centers on page 45 and page 46 respectively.

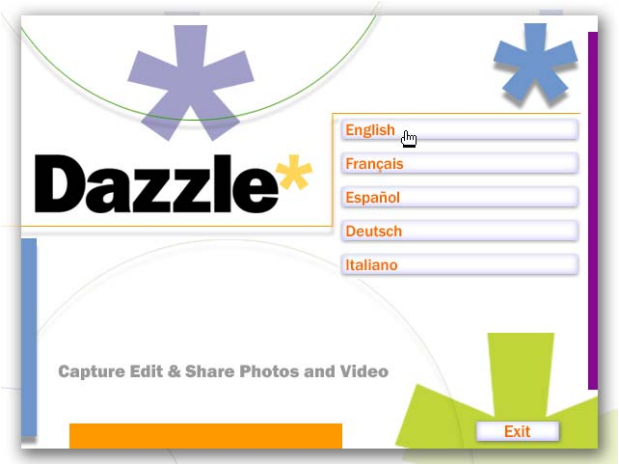
Note: Driver software installation is not required for Windows Me, XP, or 2000. For these operating systems, simply connect the ZiO HS Reader/Writer to your computer's USB port or a USB hub (as described on pages 15 and 16, respectively). You can then insert a media card and access any of its files using the **Removable Disk** icon displayed in **My Computer**. For more detailed instructions, see "Using the ZiO HS Reader/Writer" beginning on page 20. If you are running Windows 98 SE you must follow the instructions below to install the required drivers (before connecting the ZiO HS Reader/Writer).

For all operating systems, to install Acrobat Reader 5, OnDVD, and the Dazzle Products Demo, you must also follow the instructions below (no drivers are installed for Windows Me, XP, or 2000). To avoid complications during the installation process, please follow the steps in order.

1. Insert the Dazzle Installation CD in your computer's CD-ROM/DVD-ROM drive.



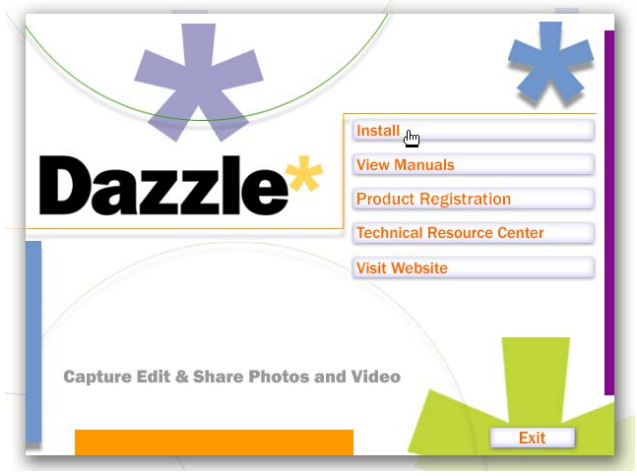
The auto-run program launches the setup application and then the Language screen appears. If the Language screen does not appear automatically, begin by opening **My Computer**. Next, double-click on the drive letter corresponding to your CD/DVD-ROM drive, and then double-click on the **Setup** application icon.



2. Select your language.

The Installer Main menu appears. In the Installer Main menu, you can install the required drivers for Windows 98 SE and the bonus software for all operating systems. You can also access the Users' Manuals, Product Registration, Dazzle Technical Resource Center Information, and the Dazzle Website by clicking on the corresponding buttons.

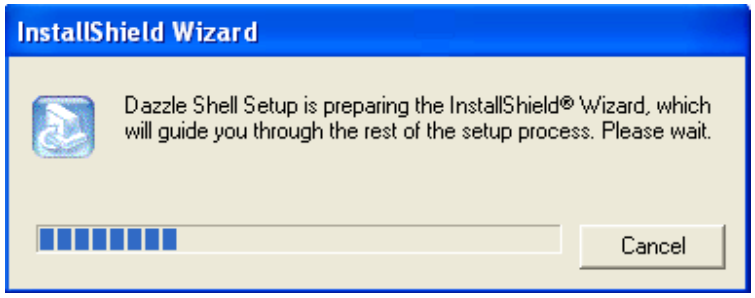
Important: You can display the Installer Main menu at any time by inserting your Dazzle Installation CD in your CD/DVD-ROM drive and selecting your language, as described above.

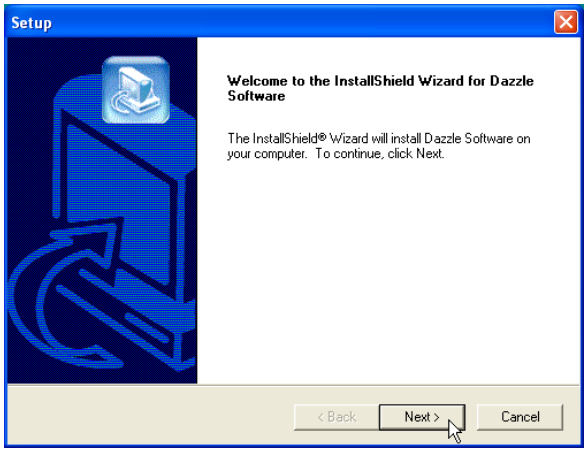


3. Click the **Install** button in the Installer Main menu.

The Dazzle Setup prepares for the installation, and then the InstallShield Wizard Welcome screen appears.

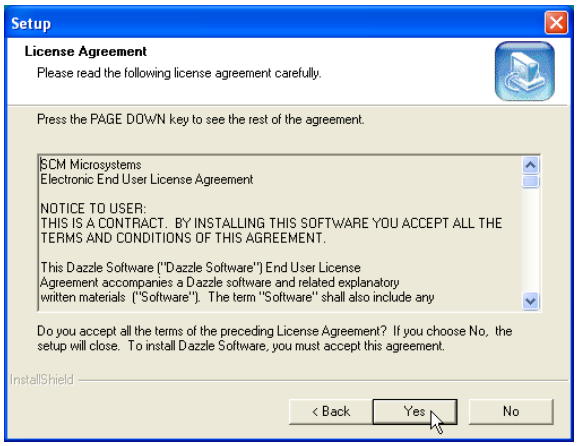
Note: The screens below differ slightly for each of the supported operating systems.


InstallShield Wizard
Dazzle Shell Setup is preparing the InstallShield® Wizard, which will guide you through the rest of the setup process. Please wait.
Cancel


Setup
Welcome to the InstallShield Wizard for Dazzle Software
The InstallShield® Wizard will install Dazzle Software on your computer. To continue, click Next.
< Back
Next >
Cancel

4. Click **Next**.

The License Agreement screen appears. To use the ZiO HS Reader/Writer, you must agree to the terms of the license.

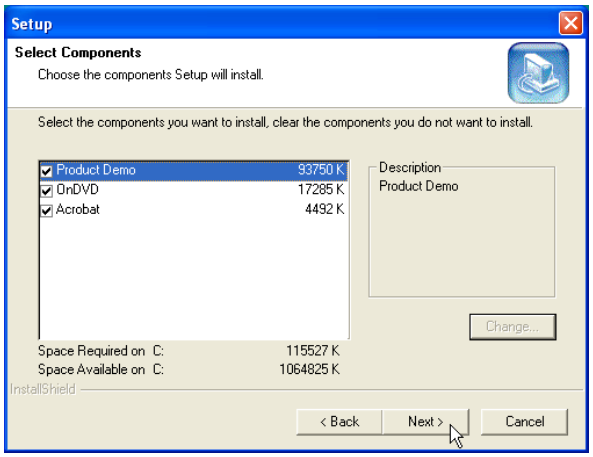

Setup
License Agreement
Please read the following license agreement carefully.
Press the PAGE DOWN key to see the rest of the agreement.
SCM Microsystems
Electronic End User License Agreement
NOTICE TO USER:
THIS IS A CONTRACT. BY INSTALLING THIS SOFTWARE YOU ACCEPT ALL THE TERMS AND CONDITIONS OF THIS AGREEMENT.
This Dazzle Software ("Dazzle Software") End User License Agreement accompanies a Dazzle software and related explanatory written materials ("Software"). The term "Software" shall also include any
Do you accept all the terms of the preceding License Agreement? If you choose No, the setup will close. To install Dazzle Software, you must accept this agreement.
InstallShield
< Back
Yes
No

5. Click **Yes** to accept the license agreement.

The Select Components screen appears.

This screen allows you to select the software you want to install. **Dazzle strongly recommends installing all the components**. OnDVD is required to create Slideshows. Acrobat is required to read the electronic users' guides. The Product Demo provides an overview of many current Dazzle products.

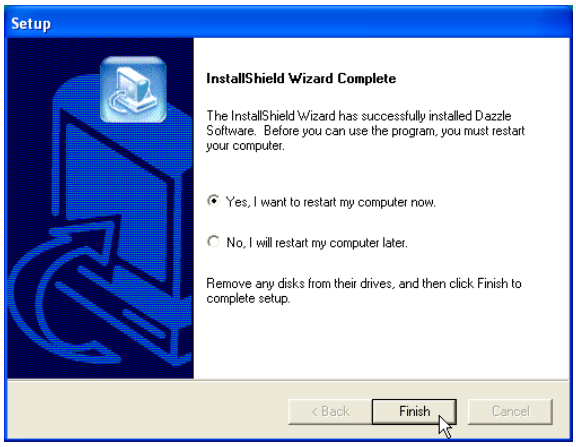
For an OnDVD tutorial on creating slideshows, refer to the supplied *OnDVD User's Guide* (requires Adobe Acrobat 5).



6. Select the desired components and click **Next**.

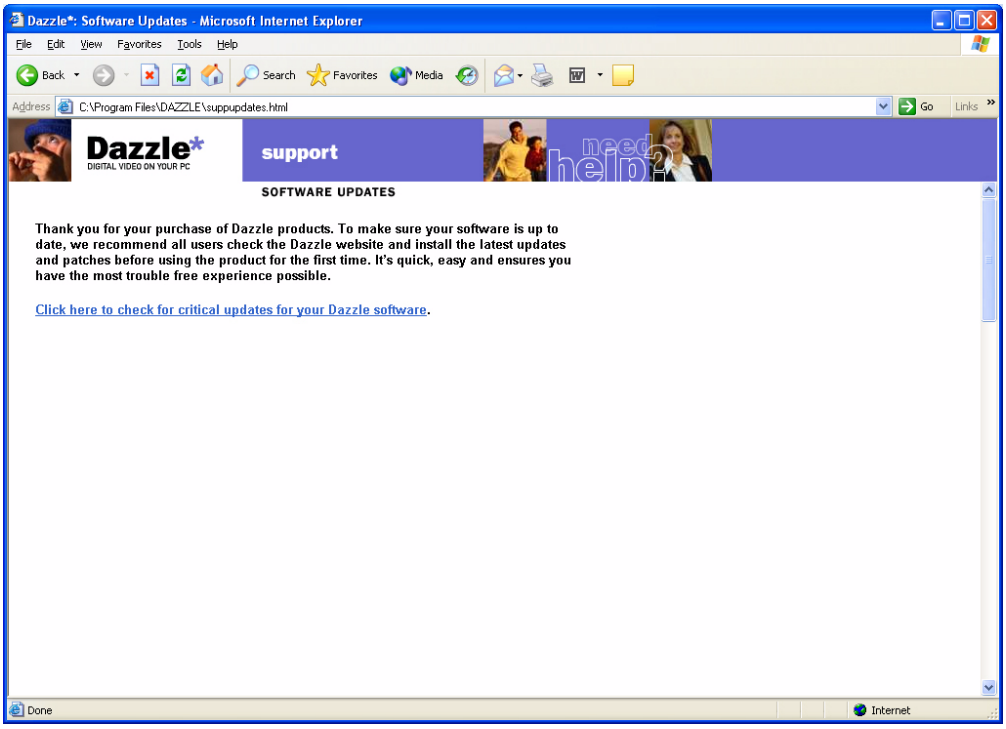
The InstallShield Wizard installs the specified software components (and the required drivers for Windows 98 SE systems). During a full installation, the Acrobat Reader 5 Installer appears. Follow the screen instructions to install Acrobat Reader 5.

After installing all the software, the InstallShield Wizard confirms a successful installation, and prompts you to restart.


Setup
InstallShield Wizard Complete
The InstallShield Wizard has successfully installed Dazzle Software. Before you can use the program, you must restart your computer.
Yes, I want to restart my computer now.
No, I will restart my computer later.
Remove any disks from their drives, and then click Finish to complete setup.
< Back
Finish
Cancel

7. Click **Finish** to restart your computer and complete the installation.

After restarting your computer, a browser window appears with a message that reminds you to check the Dazzle website for the latest updates and patches. Just click on the link in the browser window to check for any critical updates to your software.

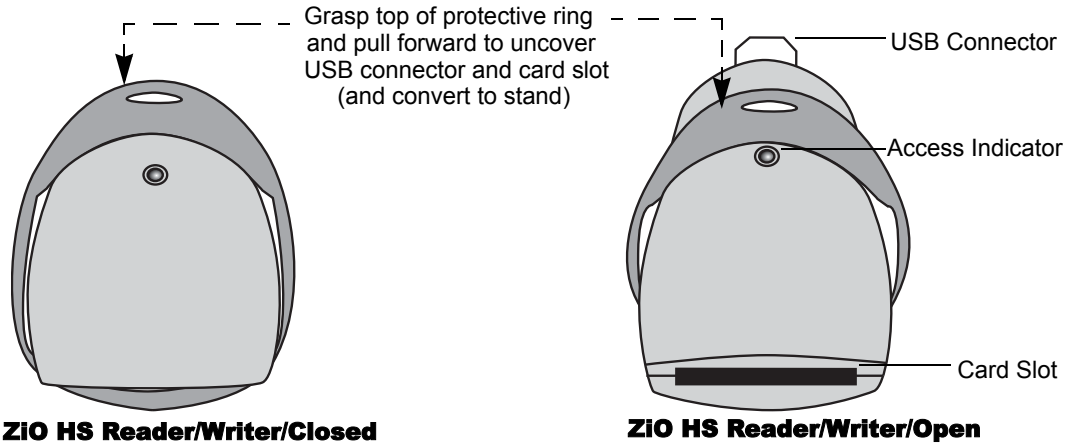

Dazzle*: Software Updates - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Search Favorites Media
Address C:\Program Files\DAZZLE\suppupdates.html
Go Links
Dazzle*
DIGITAL VIDEO ON YOUR PC
support
need help?
SOFTWARE UPDATES
Thank you for your purchase of Dazzle products. To make sure your software is up to date, we recommend all users check the Dazzle website and install the latest updates and patches before using the product for the first time. It's quick, easy and ensures you have the most trouble free experience possible.
Click here to check for critical updates for your Dazzle software.
Done
Internet

Installing the Hardware on a PC

You can connect your ZiO HS Reader/Writer to computers with USB 1.1 ports or USB 2.0 ports. Computers with USB 2.0 ports will utilize the ZiO HS Reader/Writer's Hi-Speed transfer capability, moving data at a much faster rate than computers with USB 1.1 ports.

Note: If you are running Windows 98 SE, you must install the required drivers before connecting your ZiO HS Reader/Writer to your computer, as described in the previous section, beginning on page 9.

Before you connect your ZiO HS Reader/Writer, position the unit with the Access Indicator on top, as shown below. Then flip its protective ring to the open position to uncover the USB connector and the card slot and convert the ring to a stand.

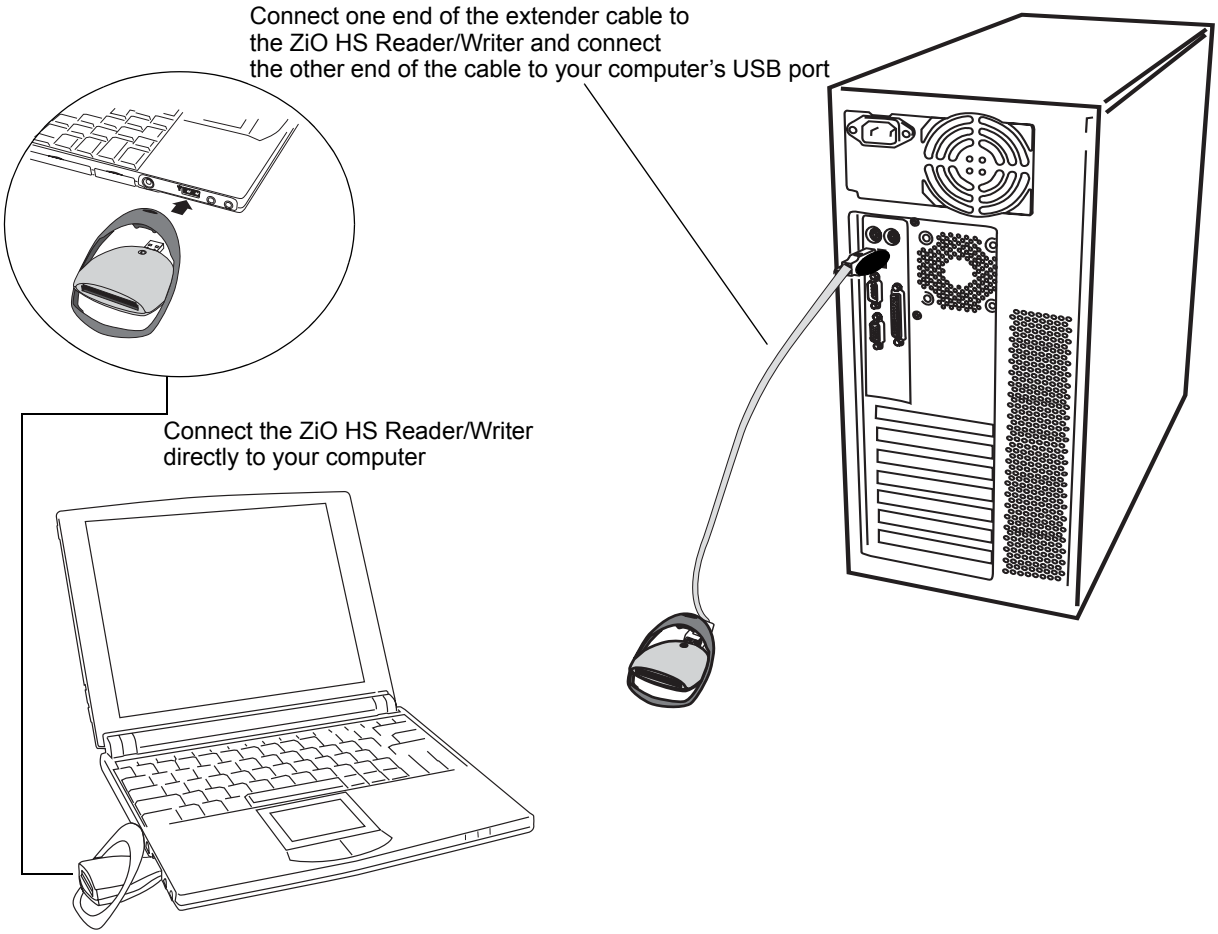

Grasp top of protective ring and pull forward to uncover USB connector and card slot (and convert to stand)
USB Connector
Access Indicator
Card Slot
ZiO HS Reader/Writer/Closed
ZiO HS Reader/Writer/Open

Connecting to a Computer's USB Port

Connect the ZiO HS Reader/Writer directly to an available USB port on your computer.

If your computer is located in an inconvenient location, connect one end of the provided USB extender cable to the USB connector on the back of your ZiO HS Reader/Writer, and then connect the other end of the cable to an available USB port on your computer.

Note: Be sure the cable ends are properly aligned before connecting and do not force the connection.

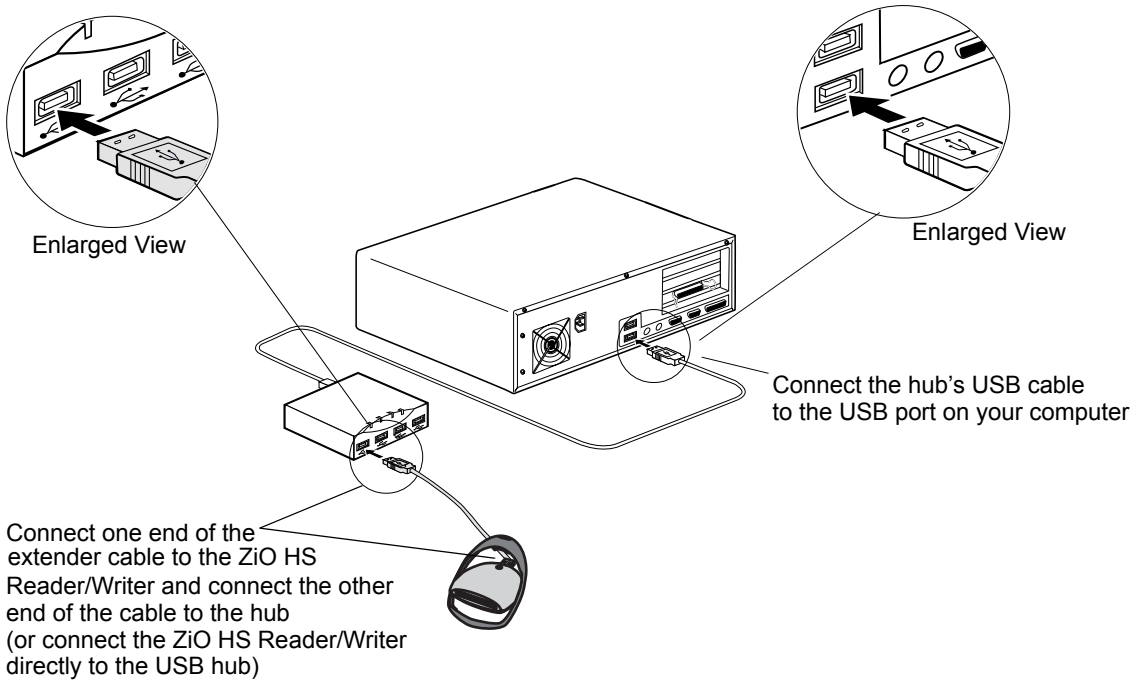

Connect one end of the extender cable to the ZiO HS Reader/Writer and connect the other end of the cable to your computer's USB port
Connect the ZiO HS Reader/Writer directly to your computer

Connecting to a USB Hub

1. Connect the USB hub (purchased separately) to an available USB port on your computer.
2. Connect the ZiO HS Reader/Writer directly to an available USB port on the USB hub.

   If your hub is located in an inconvenient location, connect one end of the provided USB extender cable to the USB connector on the back of your ZiO HS Reader/Writer, and then connect the other end of the cable to an available USB port on the USB hub.

   Note: Be sure the cable ends are properly aligned before connecting and do not force the connection.


Enlarged View
Enlarged View
Connect the hub's USB cable to the USB port on your computer
Connect one end of the extender cable to the ZiO HS Reader/Writer and connect the other end of the cable to the hub (or connect the ZiO HS Reader/Writer directly to the USB hub)

Installing the Software On a Macintosh

Driver software is not required for Macintosh computers running Mac OS 9.x or Mac OS 10.0.4 or higher. For these operating systems, simply connect the ZiO HS Reader/Writer to your Mac's USB port or a USB hub, as described on the following pages. You can then insert a media card and access any of its files using the removable disk icon displayed on your Mac desktop. For more detailed instructions, see "Using the ZiO HS Reader/Writer" beginning on page 20.

Note: If you are running a Mac OS X version prior to version 10.0.4, please contact Apple® for an upgrade.

The Dazzle Installation CD includes the following Macintosh software components:

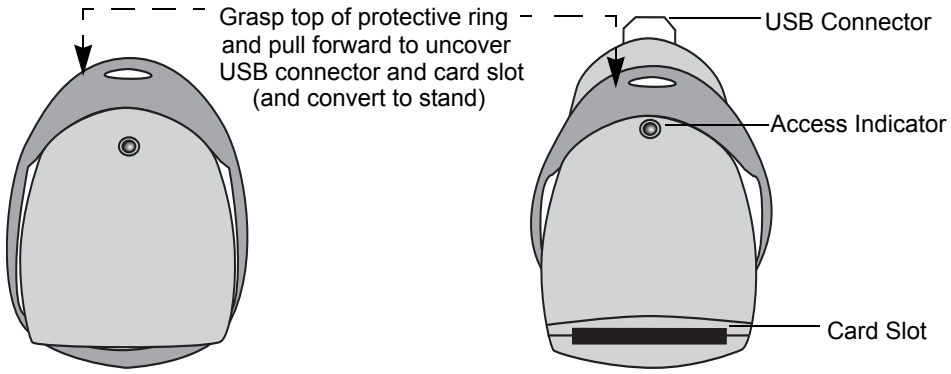
- Adobe Acrobat Reader 5 Installer (required for electronic documentation)
- Dazzle Technical Resource Center Information*
- Dazzle Product Demo (English only)
- Electronic User's Guide
- Dazzle Product Registration (English only)

*You can also find information on Dazzle's North American and European Technical Resource Centers on page 45 and page 46 respectively.

To access any of the included software components, insert the Dazzle Installation CD in your Mac's CD/DVD-ROM drive, and then open the corresponding file or folder. To install Adobe Acrobat Reader 5, open the **Acrobat Reader 5.05** folder on the Dazzle Installation CD, double-click the **Acrobat Reader Installer** icon, and follow the screen instructions.

Installing the Hardware on a Macintosh

You can connect your ZiO HS Reader/Writer to Macs with USB 1.1 ports or USB 2.0 ports. Macs with USB 2.0 ports will utilize the ZiO HS Reader/Writer's Hi-Speed transfer capability, moving data at a much faster rate than Macs with USB 1.1 ports. Before you connect your ZiO HS Reader/Writer, position the unit with the Access Indicator on top. Then flip its protective ring to the open position to uncover the USB connector and the card slot and convert the ring to a stand.

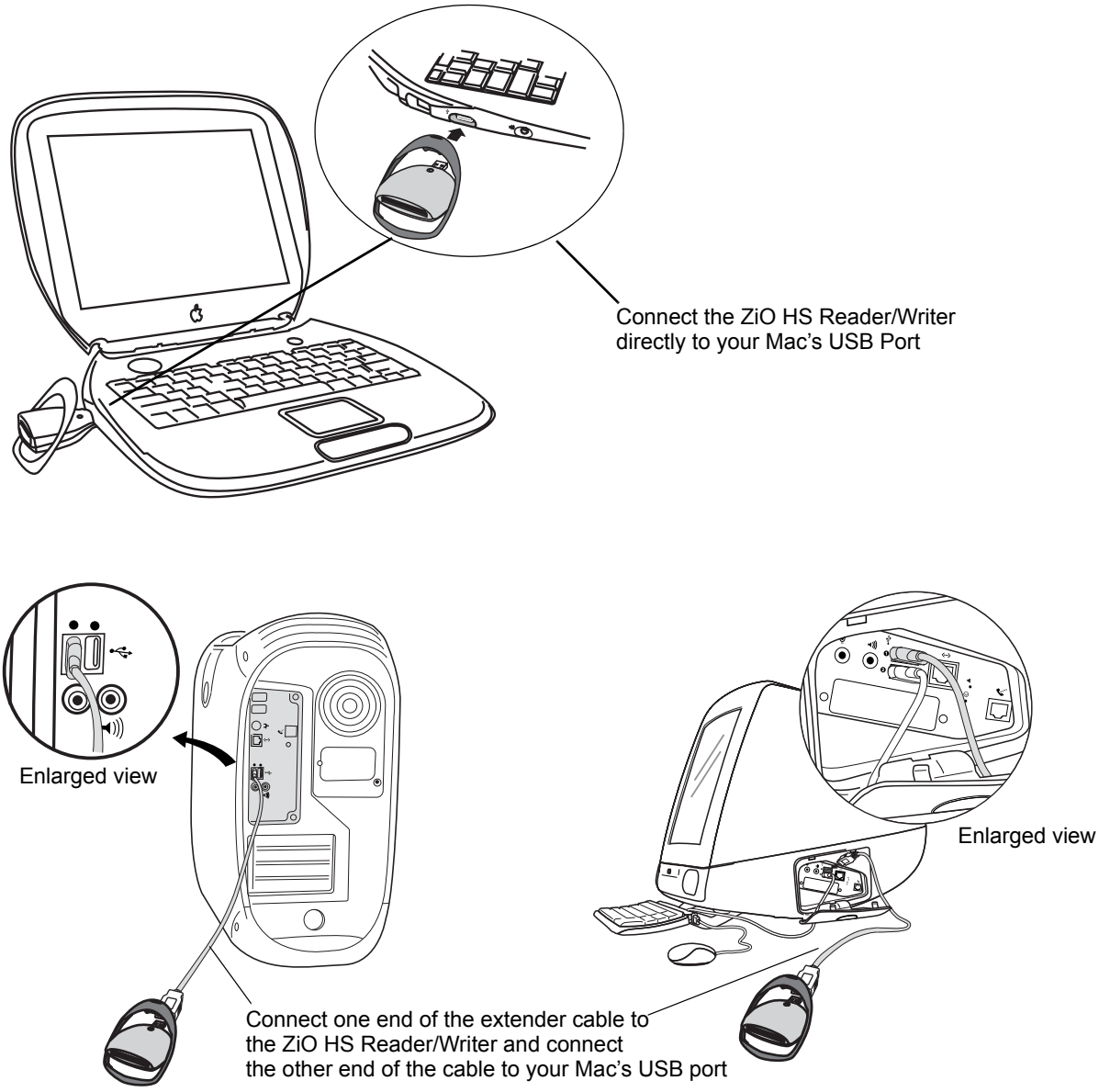

Grasp top of protective ring and pull forward to uncover USB connector and card slot (and convert to stand)
USB Connector
Access Indicator
Card Slot

Connecting to a Macintosh USB Port

Connect the ZiO HS Reader/Writer directly to an available USB port on your Mac.

If your Mac is located in an inconvenient location, you can connect one end of the provided USB extender cable to the USB connector on the back of your ZiO HS Reader/Writer, and then connect the other end of the cable to an available USB port on your Mac.

Note: Be sure the cable ends are properly aligned before connecting and do not force the connection.

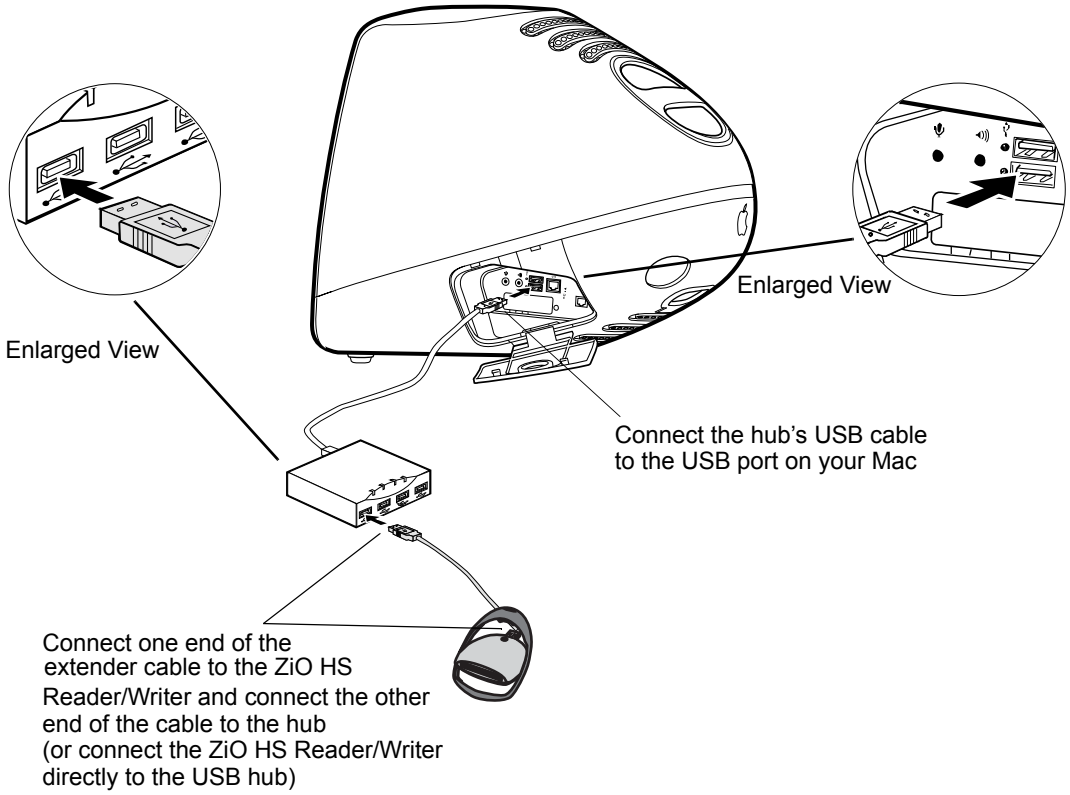

Connect the ZiO HS Reader/Writer directly to your Mac's USB Port
Enlarged view
Enlarged view
Connect one end of the extender cable to the ZiO HS Reader/Writer and connect the other end of the cable to your Mac's USB port

Connecting to a USB Hub

1. Connect the USB hub (purchased separately) to your Mac's USB port.
2. Connect the ZiO HS Reader/Writer directly to an available USB port on the USB hub.

   If your hub is located in an inconvenient location, you can connect one end of the provided USB extender cable to the USB connector on the back of your ZiO HS Reader/Writer, and then connect the other end of the cable to an available USB port on the USB hub.

   Note: Be sure the cable ends are properly aligned before connecting and do not force the connection.


Enlarged View
Enlarged View
Connect the hub's USB cable to the USB port on your Mac
Connect one end of the extender cable to the ZiO HS Reader/Writer and connect the other end of the cable to the hub (or connect the ZiO HS Reader/Writer directly to the USB hub)

Using the ZiO HS Reader/Writer

This section shows you how to use your ZiO HS Reader/Writer to insert, access, format, and remove digital media cards, and how to transfer files between your computer and a card.

Digital Media Card Compatibility

The ZiO HS Reader/Writer is available in four different models: SmartMedia/xD, CompactFlash (Type I & II, including IBM Microdrive), MultiMediaCard/Secure Digital, and Memory Stick (including MagicGate). Following is card compatibility information for each model.

- **ZiO HS SmartMedia/xD Reader/Writer**
  Compatible with SSFDC Smart Media cards (3.3 Volt only) and xD cards

- **ZiO HS CompactFlash Reader/Writer**
  Compatible with Type I & II CompactFlash cards (including IBM Microdrive)

- **ZiO HS MultiMediaCard/Secure Digital Reader/Writer**
  Compatible with most MultiMediaCards and Secure Digital cards

- **ZiO HS Memory Stick Reader/Writer**
  Compatible with Memory Stick media, including MagicGate (MagicGate secure mode is not supported)

Inserting a SmartMedia or xD Card

Before you insert a SmartMedia or xD card in the ZiO HS Reader/Writer, position the unit with the Access Indicator on top, as shown below. Then flip its protective ring to the open position to uncover the USB connector and the card slot and convert the ring to a stand, as described in "Hardware Overview" on page 7. If you plan on writing to or deleting from a SmartMedia card and the card's write protection sticker is covering the write protect area (see the illustration below), you must remove the sticker.

To insert a SmartMedia or xD card, follow these steps:

1. Position the SmartMedia or xD card, as shown in the illustration below.

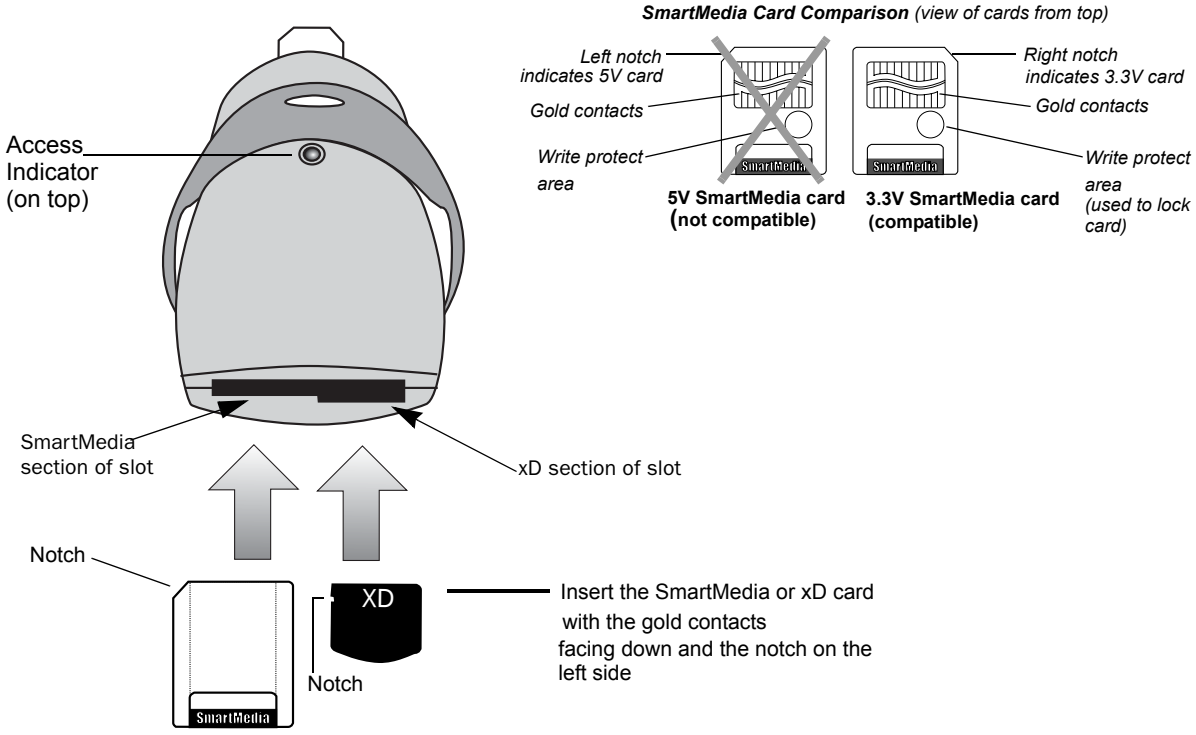
Note: The ZiO HS Reader/Writer accepts only 3.3V SmartMedia cards. It does not support 5V SmartMedia cards.

2. Insert the card in the slot with the gold contacts facing down and the card's notch at the left side (you should not see the gold contacts when inserting the card).

Caution: Be careful not to insert the card in the wrong direction. Insert the card with the gold contacts facing down.

3. Gently push the card all the way into the slot until it locks in place.

Important: If excessive force is required or the card just doesn't seem to fit, do not force the card in the ZiO HS Reader/Writer. Contact the Dazzle Technical Resource Center for assistance.


SmartMedia Card Comparison (view of cards from top)
Left notch indicates 5V card
Gold contacts
Write protect area
5V SmartMedia card (not compatible)
Right notch indicates 3.3V card
Gold contacts
Write protect area (used to lock card)
3.3V SmartMedia card (compatible)
Access Indicator (on top)
SmartMedia section of slot
xD section of slot
Notch
XD
Notch
Insert the SmartMedia or xD card with the gold contacts facing down and the notch on the left side

Inserting a CompactFlash Card

Before you insert a CompactFlash card in the ZiO HS Reader/Writer, position the unit with the Access Indicator on top, as shown below. Then flip its protective ring to the open position to uncover the USB connector and the card slot and convert the ring to a stand, as described in "Hardware Overview" on page 7.

To insert a CompactFlash card, follow these steps:

1. Position the CompactFlash card in the direction shown in the illustration below.
2. Insert the card with the connectors facing in and the manufacturer's label on top.

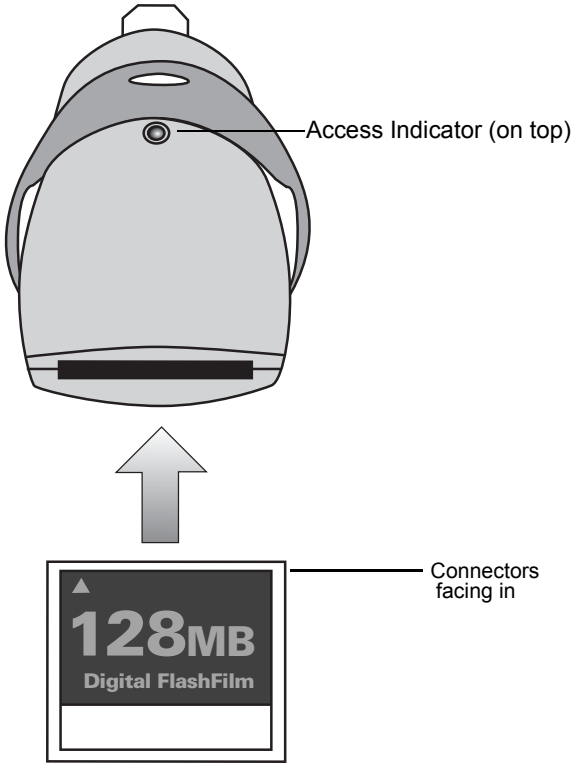
   Make sure you position the card properly. All CompactFlash card manufacturers adhere to a specification that requires a positive keying of the card.

   Caution: Be careful not to insert the CompactFlash card in the wrong direction. Make sure the connectors are facing in (with the manufacturer's label on top) and the card is not inserted upside down.

3. Gently push the card all the way into the slot until it locks in place.

   The card slides in on the molded rails and you should feel a slight amount of resistance as the connectors make contact.

   Important: If excessive force is required or the card just doesn't seem to fit, do not force the card in the ZiO HS Reader/Writer. Contact the Dazzle Technical Resource Center for assistance.



Inserting a MultiMediaCard or Secure Digital Card

Before you insert a MultiMediaCard or Secure Digital card in the ZiO HS Reader/Writer, position the unit with the Access Indicator on top, as shown below. Then flip its protective ring to the open position to uncover the USB connector and the card slot and convert the ring to a stand, as described in "Hardware Overview" on page 7. If you plan on writing to or deleting from a Secure Digital card, make sure the write protect switch is not in the locked position (see the illustration below).

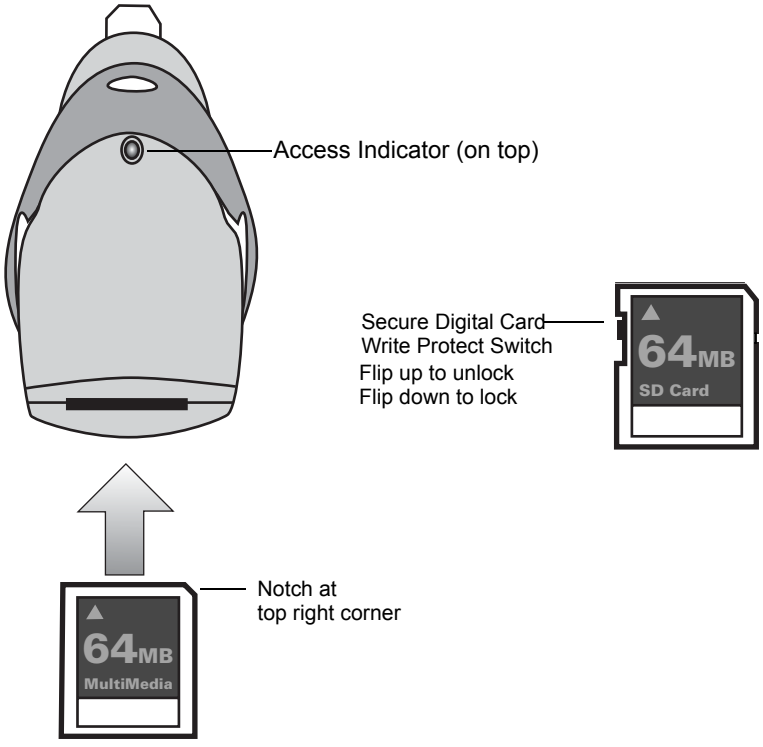
To insert a MultiMediaCard or Secure Digital card, follow these steps:

1. Position the MultiMediaCard or Secure Digital card in the direction shown in the illustration below.
2. Insert the card with the label on top and the gold contacts facing down (you should not see the gold contacts when inserting the card).

   Caution: Notice the notched corner of the MultiMediaCard or Secure Digital card and do not insert the card in the wrong direction. To insert properly, be sure that the card's notch is at the top right corner.

3. Gently push the card all the way into the slot until it locks in place.

   Important: If excessive force is required, or the card just doesn't seem to fit, do not force the card in the ZiO HS Reader/Writer. Contact the Dazzle Technical Resource Center for assistance.



Inserting a Memory Stick Card

Before you insert a Memory Stick card in the ZiO HS Reader/Writer, position the unit with the Access Indicator on top, as shown below. Then flip its protective ring to the open position to uncover the USB connector and the card slot and convert the ring to a stand, as described in "Hardware Overview" on page 7. If you plan on writing to or deleting from your Memory Stick card, make sure the card is not locked (see the illustration below). MagicGate secure mode is not supported.

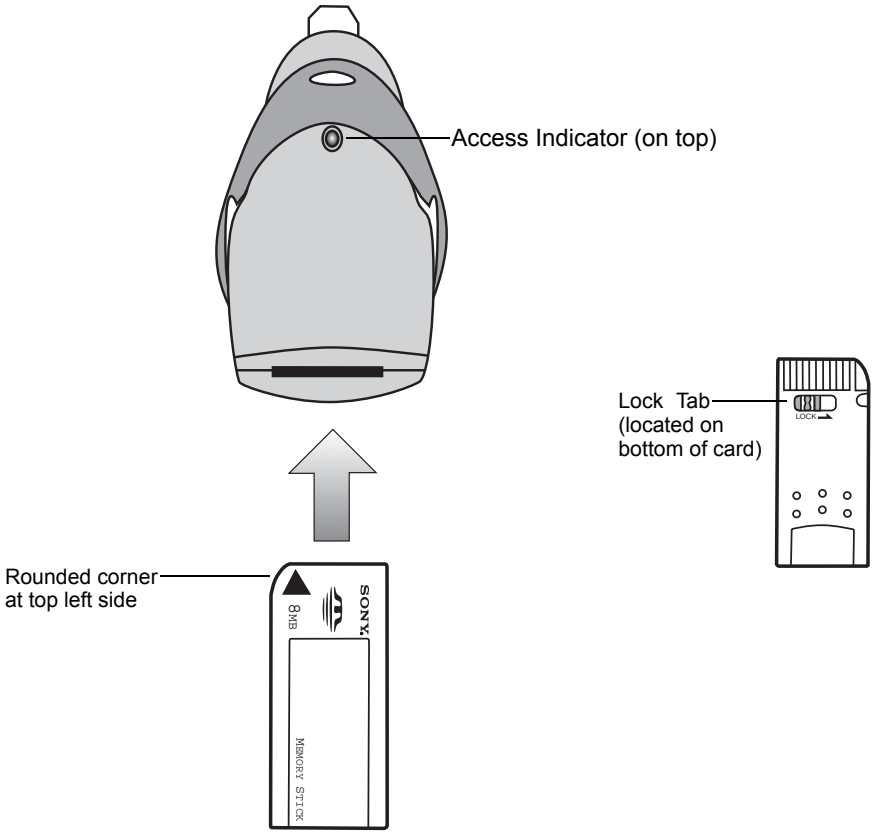
To insert a Memory Stick card, follow these steps:

1. Position the Memory Stick card in the direction shown in the illustration below.
2. Insert the Memory Stick card with the gold contacts facing down (you should not see the gold contacts when inserting the card).

   Caution: Notice the rounded corner of the Memory Stick card and be careful not to insert the card in the wrong direction. To insert properly, be sure you position the card with the rounded corner at the top left side.

3. Gently push the card all the way into the slot until it locks in place.

   Important: If excessive force is required, or the card just doesn't seem to fit, do not force the card in the ZiO HS Reader/Writer. Contact the Dazzle Technical Resource Center for assistance.



Accessing a Card on a PC

When the ZiO HS Reader/Writer is installed on your system (as explained earlier in this guide), you can access a card as follows:

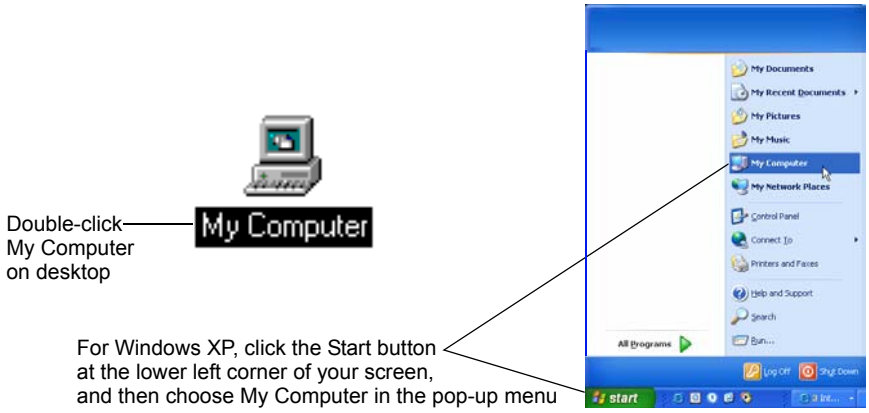
1. Insert a card in the ZiO HS Reader/Writer, as explained in the previous section.

If you are running Windows XP and you insert a digital media card, a dialog box may appear that asks what you want to do with the files on the Removable Disk. You can access the files by selecting from several options in the dialog box.

For all other supported versions of Windows (including XP) you can access a card by following the steps below,

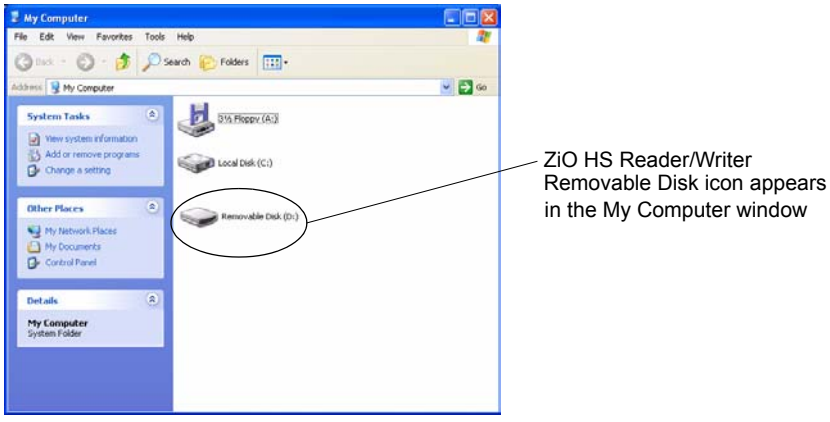
2. Double-click the **My Computer** icon on your desktop.

If you are running Windows XP and the My Computer icon is not displayed on your desktop, click the **Start** button in the lower left corner of your screen, and then choose **My Computer** in the pop-up menu.



The My Computer window displays a **Removable Disk** icon with a newly assigned drive letter that represents your ZiO HS Reader/Writer.

Note: The screens below may vary slightly from those on your computer, but the procedure for accessing a card is the same.

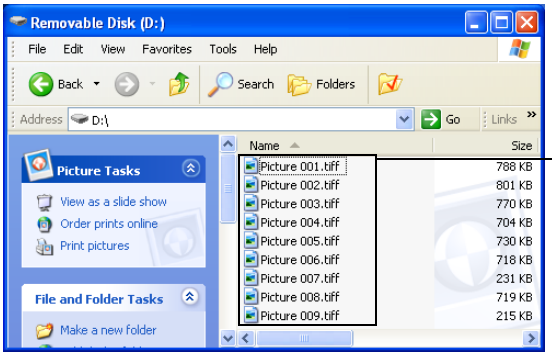


3. Double-click on the **Removable Disk** icon.

The files and/or folders on the card appear in the Removable Disk's window. In the example below, the Removable Disk's window displays nine tiff files. You can now copy, open, edit, or delete any of the files on the card. For instructions on copying files from a card to your computer, see "Transferring Files on a PC" on page 27.

Digital cameras usually create one or more folders on a card, containing your digital images. To access the images, open the folder(s), then double-click on the icon(s) representing the digital image(s) you want to view.

Note: If a card is not inserted when you double-click a Removable Disk icon, a message appears that says: *Device not ready* or *Please insert a disk*. If you see this message, insert a card and try accessing the media again.



The files and/or folders on the card appear in the Removable DIsk window

Transferring Files on a PC

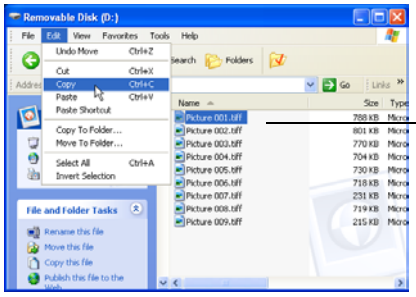
You can use the ZiO HS Reader/Writer to transfer files between your computer and a card using the basic Windows file transfer functions. For example, you can copy and paste or drag and drop files from a card to your computer or from your computer to a card. Although there are numerous approaches for copying or moving files, the instructions below show you how to copy a file from a card and paste it into a folder on your computer. This procedure will work on any of the supported operating systems. You can copy a file from your computer to a card by reversing these instructions.

Note: The screens below may vary slightly from those on your computer, but the procedure for copying a file is the same.

1. Insert a card in the ZiO HS Reader/Writer, as explained earlier in this guide.
2. Open **My Computer**, then double-click the ZiO HS Reader/Writer's **Removable Disk** icon to display the card's contents, as described on page 25.
3. Click (select) the file you want to copy in the Removable Disk's window, and then choose **Copy** in the window's **Edit** menu.

   If the file you want to copy is located in a folder in the Removable Disk's window, double-click on that folder to display its contents, and then click on the desired file.

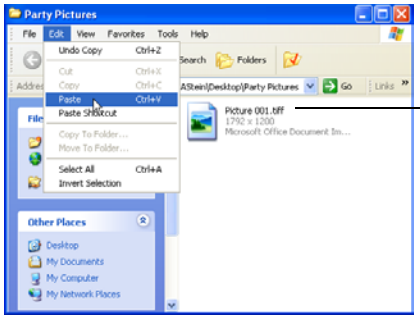
   To select more than one file, hold down the <**Control**> key on your keyboard while you click on the desired files.



Click on the desired file in the Removable Disk's window and choose Copy in the Edit menu

4. Open the desired folder on your computer and choose **Paste** in that folder's **Edit** menu.

   The selected file is copied to the desired folder.



Open the desired folder on your computer and choose Paste in the Edit menu
The file from the card is copied to the folder on your computer

Note: There are numerous approaches for transferring files between your computer and a card. For complete details on transferring files, please refer to your Windows **Help** file, or **Help and Support** in Windows XP.

You can find the Windows Help file and Help and Support under the **Start** button located in the lower left corner of your desktop. After you open Windows Help, click on the **Index** tab to display its contents. Then scroll down to, and double-click on **copying files, folders**. To access help information in Help and Support on Windows XP, simply enter the desired function in the search box, for example, **copy and paste** or **drag and drop**.

Formatting a Card on a PC

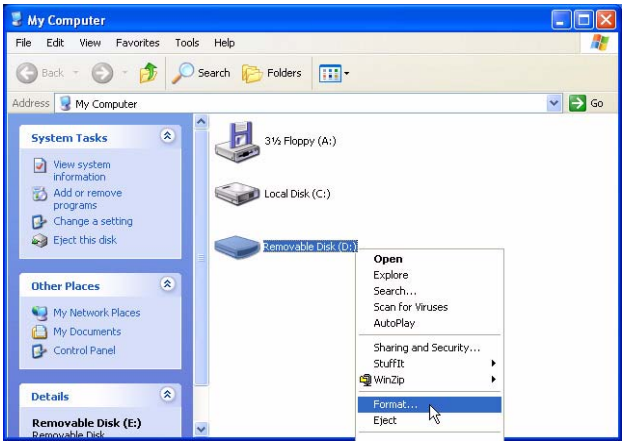
Sometimes it may be more convenient to format a digital media card in the ZiO HS Reader/Writer rather than in your original digital device. In some cases, your device may not have a format option, or you may be required or prompted to format a card. To format a digital media card in the ZiO HS Reader/Writer, follow the steps below.

Caution: Formatting a card completely erases any data on the card. If there are important images or files you want to safeguard for later use, save a backup copy on your hard drive, CD-R drive, or other type of removable media *before formatting a card.*

Note: The screens below differ slightly for each of the supported operating systems, but the procedure for formatting a card is the same.

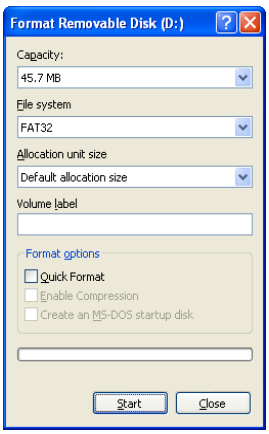
1. Insert a card in the ZiO HS Reader/Writer, as explained earlier in this guide.
2. Open **My Computer**, as shown on page 25, and right-click on the **Removable Disk** icon

   A pop-up menu appears.

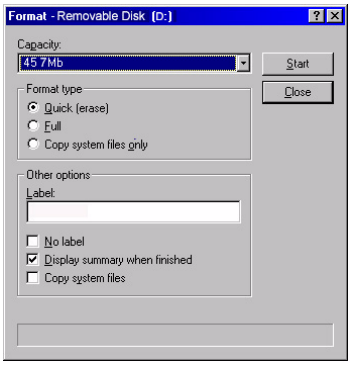


3. Select **Format** in the pop-up menu.

   The Format window appears for your operating system.



Windows XP and 2000 Format Window



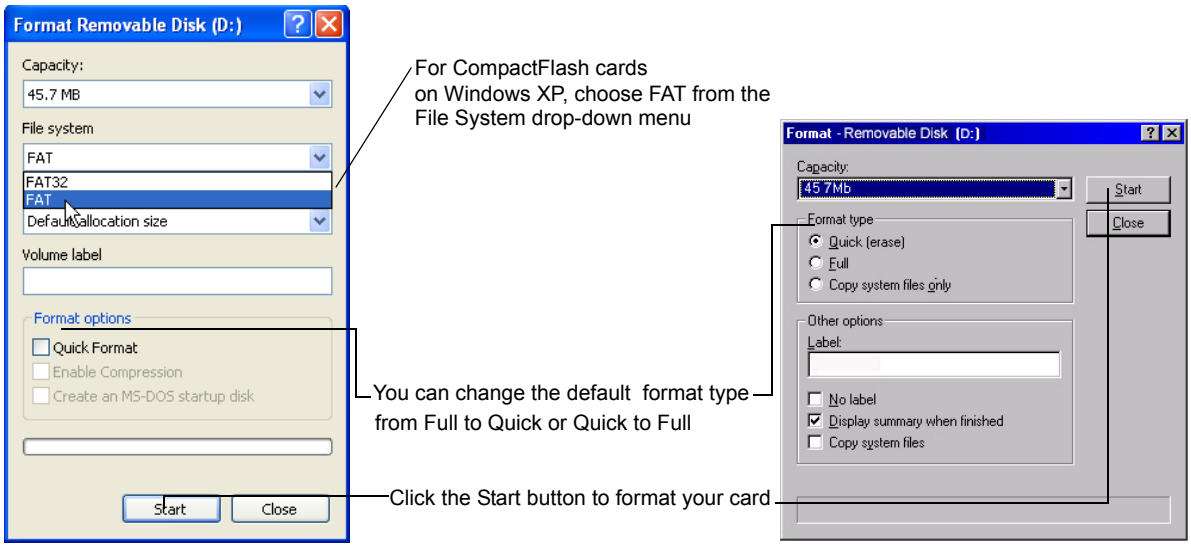
Windows 98 SE and Me Format Window

4. Select a format type (Quick or Full) in the Format window.

The Windows XP and 2000 default format type is Full. The Windows 98 SE and Me default format type is Quick. The Quick option works only on previously formatted cards and erases any existing files. The Full option prepares a non-formatted card for initial use, so you can store files on it. For more information on formatting options, refer to your Windows Help documentation (for instructions on accessing Windows Help, see the note at the top of page 28).

Note: Windows XP does not support the Quick option for Memory Stick cards.

Important Note: If you are using a CompactFlash card with Windows XP, choose **FAT** from the File System drop-down menu (see the screen below). This ensures the correct format type for digital cameras and other digital devices.



Windows XP and 2000 Format Window

Windows 98 SE and Me Format Window

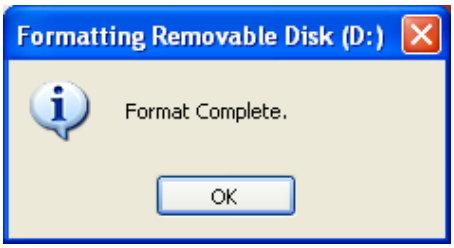
5. Click **Start** in the Format window, as shown in the examples above.

A warning dialog box may inform you that formatting erases all your data.

Format Removable Disk (D:)
WARNING: Formatting will erase ALL data on this disk.
To format the disk, click OK. To quit, click CANCEL.
OK
Cancel

6. Click **OK** in the warning dialog box.

   The formatting operation begins. When formatting is completed, a confirmation dialog box appears.



7. Click **OK** in the confirmation dialog box.

Removing a Card on a PC

Before you remove a digital media card, make sure that the Access Indicator at the top of the ZiO HS Reader/Writer is not flashing. The Indicator flashes when the ZiO HS Reader/Writer is reading or writing data on a card. Please wait until the read/write operations are complete and the Indicator stops flashing before you remove a card. Removing a card during read/write access causes lost or corrupted data.

To remove a card, grasp the end of the card with your thumb and index fingers, and remove it from the slot.

Mounting and Accessing a Card on a Macintosh

When the ZiO HS Reader/Writer is installed on your system (as explained earlier in this guide), you can access a card as follows:

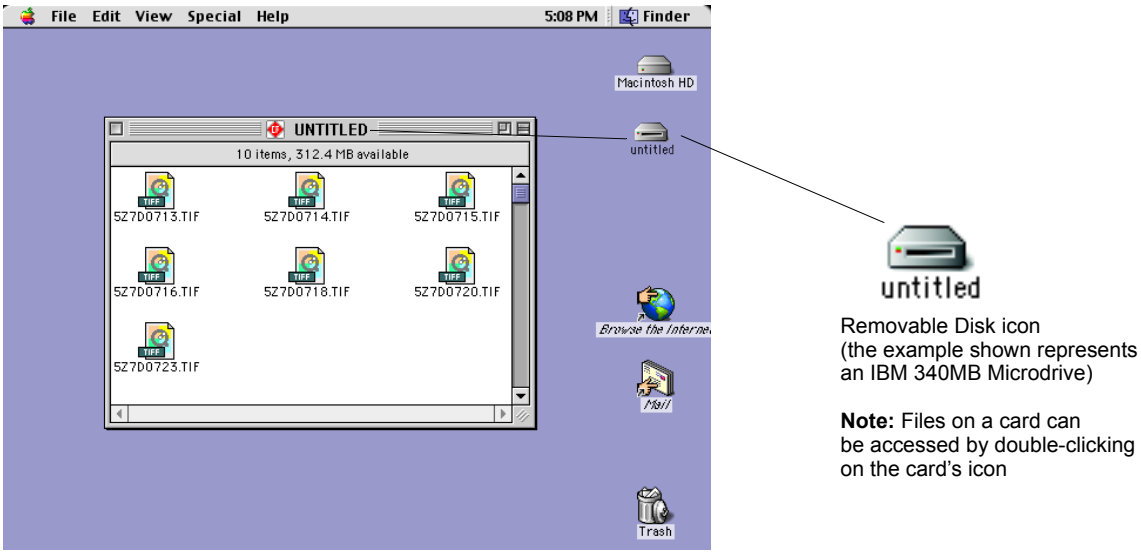
1. Insert a card in the ZiO HS Reader/Writer, as explained earlier in this guide.

A removable disk icon representing your card appears on the Mac desktop (see the example below). This is the card's mounted state, which allows you to perform read and write operations on the card. After inserting a card, the time required for mounting depends on the type and brand of card. Usually, a card mounts on the desktop within a few seconds. You can access a mounted card just like a floppy or other type of removable disk.

2. Double-click the card's removable disk icon.

The files and/or folders on the card appear in the card's file window. You can now copy, open, edit, or delete any of the files on the card. For instructions on copying files from a card to your Mac, see "Transferring Files on a Macintosh" on page 33.

Note: The desktop below differs slightly for Mac OS X, but the procedure for accessing a card is the same (for an example of a Mac OS X desktop, see "Removing a Card Using Mac OS X" on page 41).



IMPORTANT: If you are running MacOS 9.x, be sure the Apple **File Exchange** control panel is set to load in your system folder - you can do this using the Apple **Extensions Manager** control panel.

Transferring Files on a Macintosh

You can use the ZiO HS Reader/Writer to transfer files between your Mac and a card using the Mac's drag and drop function. For example, you can drag and drop files from a card to your Mac or from your Mac to a card. The instructions below show you how to copy a file from a card to a folder on your Mac. You can copy a file from your Mac to a card by reversing these instructions.

Note: The screens below differ slightly for Mac OS X, but the procedure for copying a file is the same

1. Double-click (open) the folder on your Mac where you want to copy files from a card.
2. Insert a card in the ZiO HS Reader/Writer to mount the card on the Mac desktop, and then double-click its removable disk icon to display its contents, as described on page 32.
3. Click (select) the desired file in the card's file window, but do not release the mouse button.

   If the file you want to copy is located in a folder in the card's file window, double-click on the folder to display its contents, and then click on the desired file.

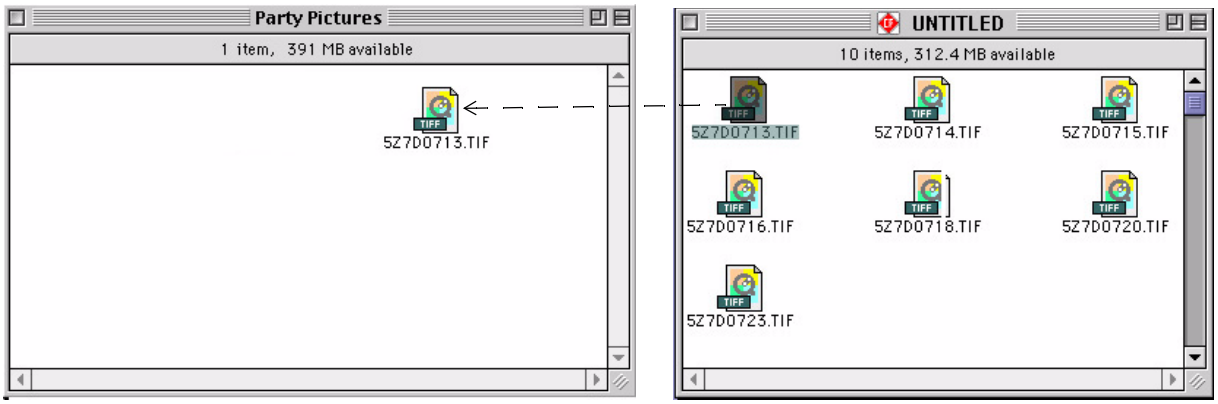
   To select more than one file, hold down the <**Shift**> key on your keyboard while you click on the desired files.
4. Continue to press the mouse button while you drag the selected file into the desired folder on your Mac.

   The selected file on the card appears in the folder on your Mac.
5. Release the mouse button.

   The selected file on the card is copied into the desired folder on your Mac.

   Note: To copy a file from a card to the desktop, press the <**Option**> key on your keyboard while you drag the selected file from the card's file window to the desktop.

Select the desired file in the card's file window
and drag it into the desired Mac Folder window



Mac Folder Window **Card File Window**

Formatting a Card on a Macintosh

Dazzle strongly recommends that you format your digital media cards in your digital device (camera, MP3 player, cell phone, etc.). However, there may be times when you need to format a card in the ZiO HS Reader/Writer. In some cases, your digital device may not have a format option, or you may be required or prompted to format a card.

Caution: Formatting a card completely erases any data stored on the card. If there are important images or files you want to safeguard for later use, save a backup copy on your hard drive, CD-R drive, or other type of removable media *before formatting a card.*

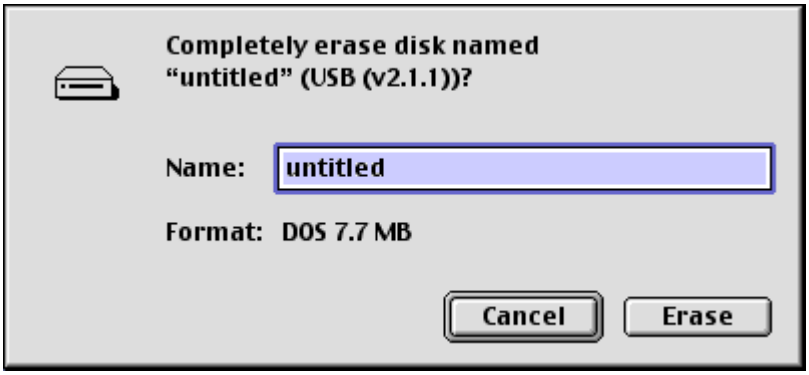
Formatting a Card Using Mac OS 9.x

To format a digital media card in the ZiO HS Reader/Writer using Mac OS 9.x, follow the steps below.

Note: The screens below may vary slightly from those on your computer.

1. Mount the card you want to format and click once on its icon to select it (see "Mounting and Accessing a Card on a Macintosh" on page 32).
2. Choose **Erase Disk** in the **Special** menu.

A confirmation dialog box asks whether you want to completely erase the card.

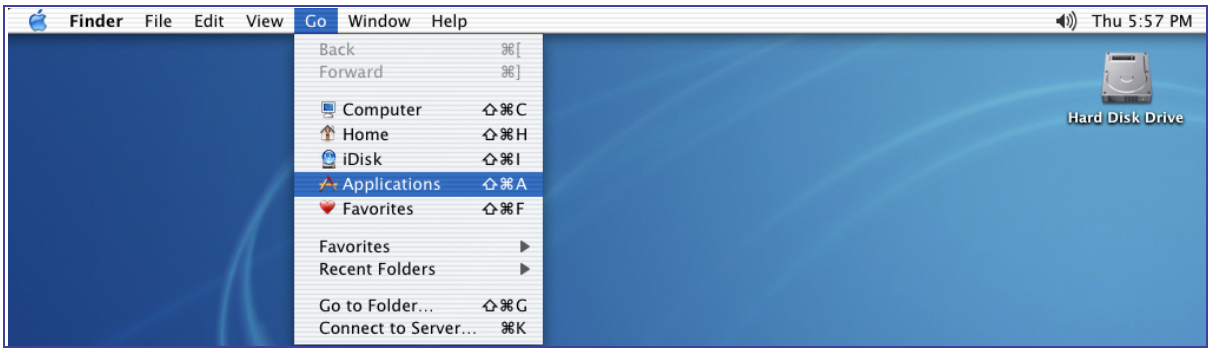


3. Click **Erase** to format the card, or click **Cancel** to quit.

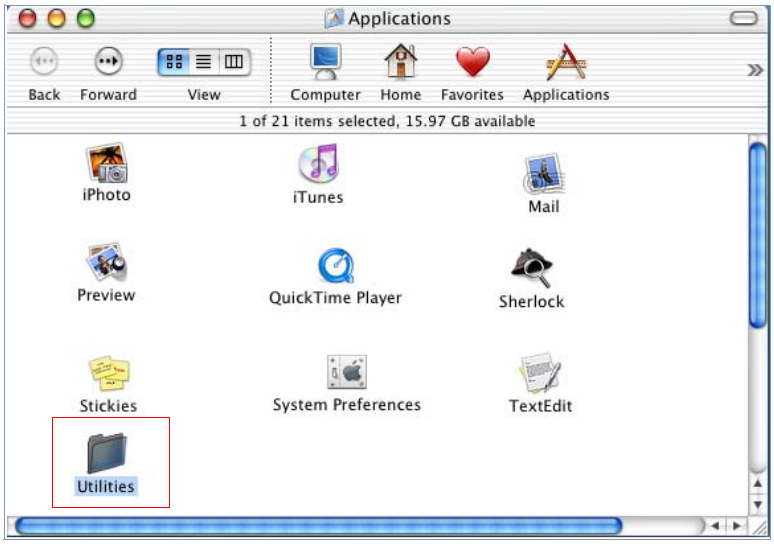
Formatting a Card Using Mac OS X

To format a digital media card in the ZiO HS Reader/Writer using Mac OS X or higher, follow the steps below.

1. Choose **Applications** from the **Go** menu.



The Applications window appears.

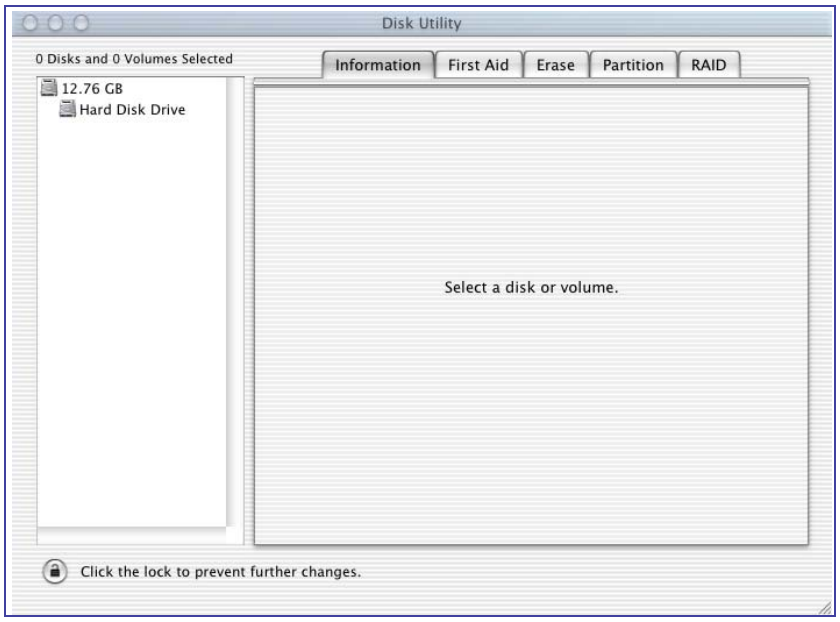


2. Double-click the **Utilities** icon.

The Utilities window appears.

3. Double-click the **Disk Utility** icon.

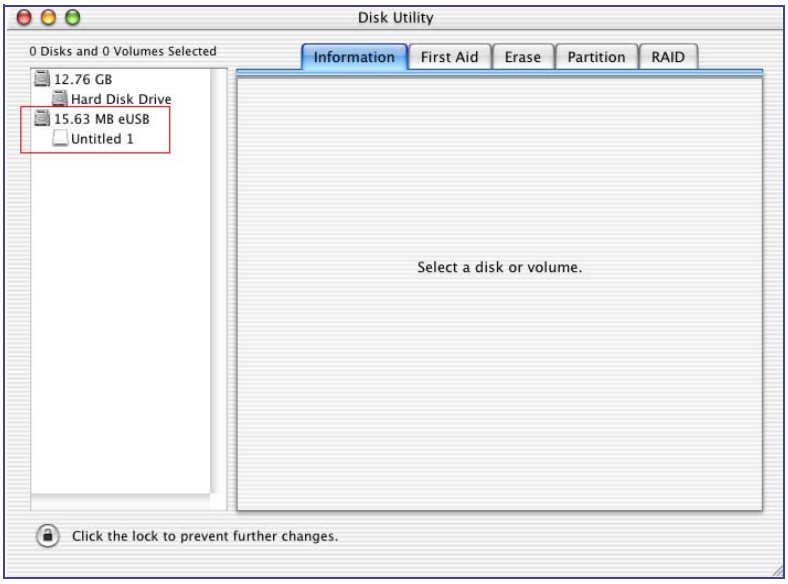
The Mac OS X Disk Utility window appears. In this window, you can test, repair, and/or erase a partition or disk.



4. Insert your digital media card in the ZiO HS Reader/Writer.

The card mounts on your Mac desktop and appears as a disk icon.

The card also registers in the Disk Utility, and its disk icon and disk volume icon appear in the Disk Utility window's left pane, as shown in the example below.



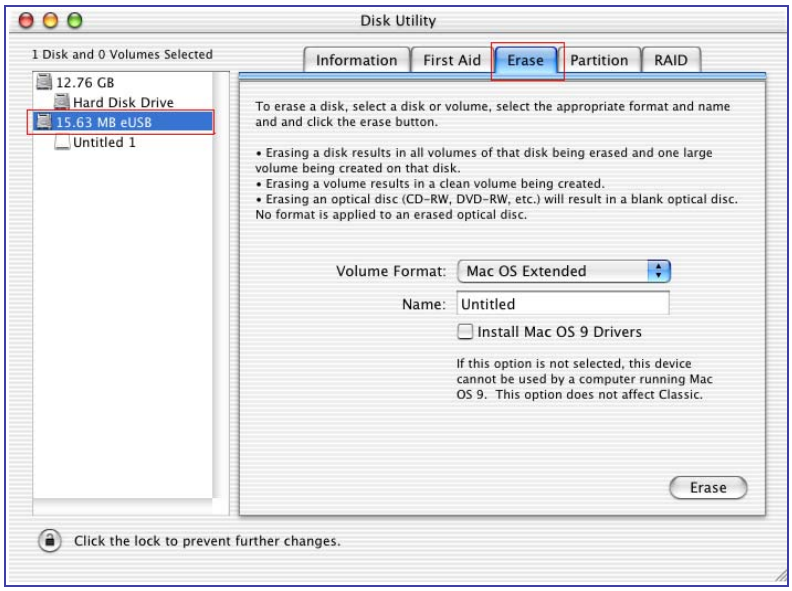
Note: If the volume icon does not appear, simply click the disk icon (see the illustration below).

Disk Icon

Volume Icon

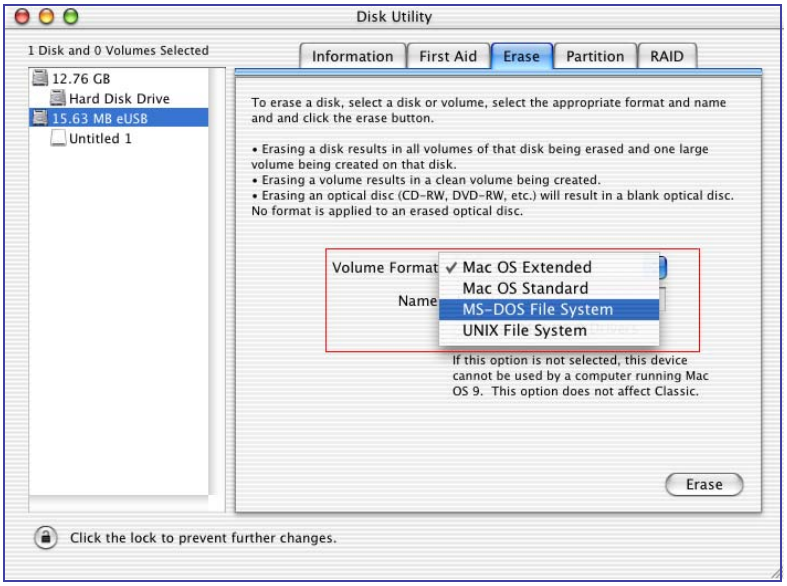
5. Select the disk icon in the Disk Utility window, then click the **Erase** tab.

The Erase instructions and related information appear in the Disk Utility window.

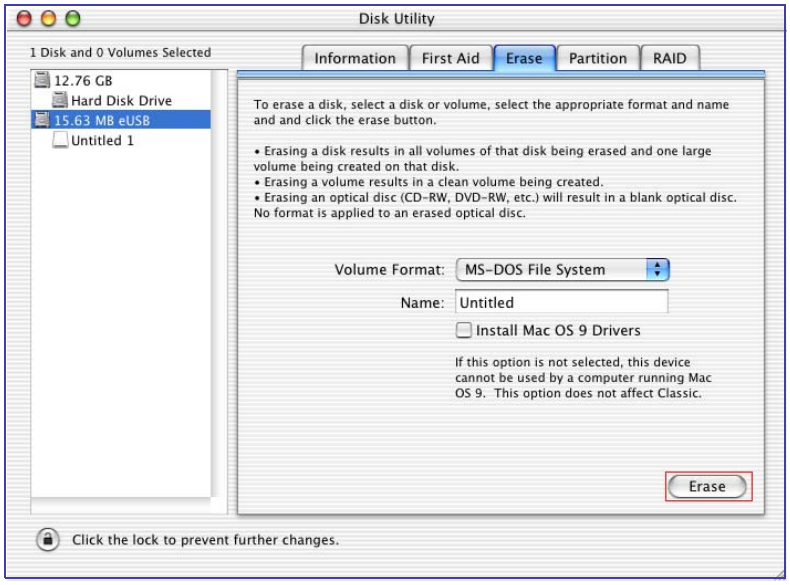

Disk Utility
1 Disk and 0 Volumes Selected
12.76 GB
Hard Disk Drive
15.63 MB eUSB
Untitled 1
Information
First Aid
Erase
Partition
RAID
To erase a disk, select a disk or volume, select the appropriate format and name and and click the erase button.
• Erasing a disk results in all volumes of that disk being erased and one large volume being created on that disk.
• Erasing a volume results in a clean volume being created.
• Erasing an optical disc (CD-RW, DVD-RW, etc.) will result in a blank optical disc. No format is applied to an erased optical disc.
Volume Format:
Mac OS Extended
Name:
Untitled
Install Mac OS 9 Drivers
If this option is not selected, this device cannot be used by a computer running Mac OS 9. This option does not affect Classic.
Erase
Click the lock to prevent further changes.

6. Click on the **Volume Format** box, then choose **MS-DOS File System** from the drop-down menu.

Important: Do not specify a name in the Name field. The Disk Utility retains the existing volume name or provides a default volume name. Your digital device was probably the last device to format the card and may have labeled the volume with a specific name to ensure proper operation. In such a case, if you change the volume name, you may have to re-format the card when you re-insert it in the original digital device.


Disk Utility
1 Disk and 0 Volumes Selected
12.76 GB
Hard Disk Drive
15.63 MB eUSB
Untitled 1
Information
First Aid
Erase
Partition
RAID
To erase a disk, select a disk or volume, select the appropriate format and name and and click the erase button.
• Erasing a disk results in all volumes of that disk being erased and one large volume being created on that disk.
• Erasing a volume results in a clean volume being created.
• Erasing an optical disc (CD-RW, DVD-RW, etc.) will result in a blank optical disc. No format is applied to an erased optical disc.
Volume Format
Name
Mac OS Extended
Mac OS Standard
MS-DOS File System
UNIX File System
If this option is not selected, this device cannot be used by a computer running Mac OS 9. This option does not affect Classic.
Erase
Click the lock to prevent further changes.

7. Click the **Erase** button in the Disk Utility window.


Disk Utility
1 Disk and 0 Volumes Selected
12.76 GB
Hard Disk Drive
15.63 MB eUSB
Untitled 1
Information
First Aid
Erase
Partition
RAID
To erase a disk, select a disk or volume, select the appropriate format and name and and click the erase button.
• Erasing a disk results in all volumes of that disk being erased and one large volume being created on that disk.
• Erasing a volume results in a clean volume being created.
• Erasing an optical disc (CD-RW, DVD-RW, etc.) will result in a blank optical disc. No format is applied to an erased optical disc.
Volume Format:
MS-DOS File System
Name:
Untitled
Install Mac OS 9 Drivers
If this option is not selected, this device cannot be used by a computer running Mac OS 9. This option does not affect Classic.
Erase
Click the lock to prevent further changes.

A warning dialog box informs you that erasing the disk destroys any data on the disk.

Erase Disk
Erasing a disk will destroy all information on all of the volumes of the disk. Are you sure you wish to erase the disk '15.63 MB eUSB'?
Cancel
Erase

8. Click the **Erase** button in the warning dialog box to format the card, or click **Cancel** to quit.

Removing a Card on a Macintosh

Before you remove a digital media card, be sure the Access Indicator at the top of the ZiO HS Reader/Writer is not flashing. The Indicator flashes when the ZiO HS Reader/Writer is reading or writing data on a card. Removing a card during read/write access causes lost or corrupted data.

Removing a Card Using Mac OS 9.x

To remove a digital media card from the ZiO HS Reader/Writer using Mac OS 9.x, please wait until the Access Indicator stops flashing, *then follow the instructions below.*

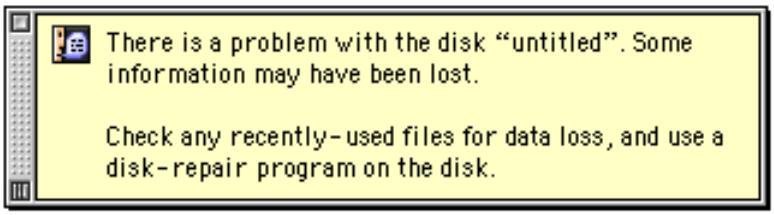
1. Drag the card's removable disk icon and drop it onto the Trash icon.

The removable disk icon disappears from the desktop. A dialog box similar to the one below appears. It is now safe to remove the card.

You may now remove the cartridge from the USB device "SCM Microsystems Inc. eUSB SmartMedia Reader" because your Macintosh is finished with it.
The cartridge will not be remounted until it is removed from the drive.
OK

2. Click **OK** in the dialog box, then grasp the end of the card with your thumb and index fingers, and remove it from the slot.

Caution: Do not remove a mounted card or disconnect the ZiO HS Reader/Writer until you drag the removable disk icon to the Trash. Improper removal can corrupt the data stored on your card. If removed improperly, a warning message may state that there is a problem with the media and prompt you to check the disk for data loss.


There is a problem with the disk "untitled". Some information may have been lost.
Check any recently-used files for data loss, and use a disk-repair program on the disk.

Removing a Card Using Mac OS X

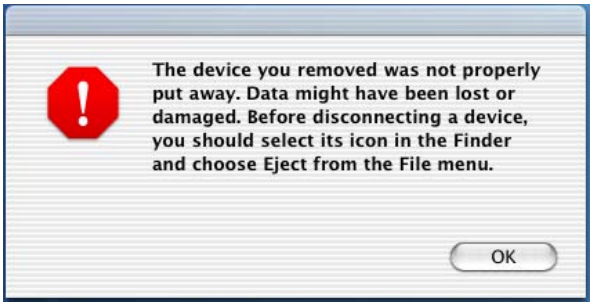
To remove a digital media card from the ZiO HS Reader/Writer using Mac OS X, please wait until the Access Indicator stops flashing, *then follow the instructions below.*

1. Select the card's removable disk icon and choose **Eject** from the **File** Menu (or drag the removable disk icon over the Trash icon), as shown below.

The removable disk icon disappears from the desktop. It is now safe to remove the card.

2. Grasp the end of the card with your thumb and index fingers, and remove it from the slot.

Caution: Do not remove a mounted card or disconnect the ZiO HS Reader/Writer until you select its icon and choose Eject from the File menu (or drag the removable disk icon to the Trash). Improper removal can corrupt the data stored on your card. If removed improperly, a message may remind you to remove the card properly. If you see this message, click **OK** and check your files for data loss.


The device you removed was not properly put away. Data might have been lost or damaged. Before disconnecting a device, you should select its icon in the Finder and choose Eject from the File menu.
OK

Troubleshooting

Frequently Asked Questions

If you experience difficulties with your ZiO HS Reader/Writer, please check the troubleshooting section below for possible solutions. If the problems persist, please go to page 45 for information on Dazzle's North American Technical Resource Center, or page 46 for information on Dazzle's European Technical Resource Center.

During installation, my ZiO HS Reader/Writer is connected to my computer's USB port, but does not find the required drivers.

PC
Windows Me, XP, and 2000 do not require any driver installation. If you are running Windows 98 SE, you must install the ZiO HS Reader/Writer driver software before connecting the ZiO HS Reader/Writer to your computer's USB port. The Windows 98 SE driver software is provided on the Dazzle Installation CD. For installation instructions, please refer to "Installing the Software On a PC" on page 9 of this guide.

I installed the required driver software (where necessary) and the ZiO HS Reader/Writer is connected to my computer's USB port, but nothing happens when I insert my digital media card.

PC
The ZiO HS Reader/Writer is accessed as a removable disk. You must access a digital media card by opening **My Computer** where the Removable Disk icon represents your ZiO HS Reader/Writer. Double-click on the **Removable Disk** icon to display the contents of the media inserted in your ZiO HS Reader/Writer. This is where your digital images or data are located. For detailed instructions, please refer to "Accessing a Card on a PC" on page 25

Digital cameras usually create one or more folders on a digital media card, which contains your digital images. Depending on the digital camera you have, the folder names can vary.

Macintosh
After you insert a card on a Macintosh, a removable disk icon appears on the Mac OS desktop. This is the mounted state, which enables read and write operations for the media. Depending on the media used, the mounting time can vary. Opening the removable disk icon provides access to the files stored on the media card. For detailed instructions, please go to "Mounting and Accessing a Card on a Macintosh" on page 32.

When I insert a digital media card and double-click the Removable Disk Icon, I cannot access my data.

PC

If you are using a SmartMedia card, be sure to insert the card with the gold contacts facing down and the notch at the top left corner. For more information on inserting your SmartMedia card, please refer to "Inserting a SmartMedia or xD Card" on page 21 of this user's guide.

If you are using an xD card, be sure to insert the card with the gold contacts facing down and the notch on the left side. For more information on inserting your xD card, please refer to "Inserting a SmartMedia or xD Card" on page 21 of this user's guide.

If you are using a MultiMediaCard or a Secure Digital card, be sure to insert the card with the gold contacts facing down and the notch at the top right corner. For more information on inserting your MultiMediaCard or Secure Digital card, please refer to "Inserting a MultiMediaCard or Secure Digital Card" on page 23"of this user's guide.

If you are using a CompactFlash card (including IBM Microdrive), be sure to insert the card with the manufacturer's label on top and the connectors facing in. For more information on inserting a CompactFlash card or an IBM Microdrive, please refer to "Inserting a CompactFlash Card" on page 22 of this user's guide.

If you are using a Memory Stick card, be sure to insert the media with the rounded corner at the top left side and the gold contacts facing down. For more information on inserting Memory Stick cards, please refer to "Inserting a Memory Stick Card" on page 24 of this user's guide.

How do I copy a file from a digital media card to my computer?

PC

You can copy images and data from the ZiO HS Reader/Writer to your computer using basic Windows file transfer functions. For example, you can copy and paste or drag and drop files from the ZiO HS Reader/Writer to your computer. For detailed instructions, please refer to "Transferring Files on a PC" on page 27 of this user's guide.

Macintosh

You can access a mounted card just like a floppy or other type of removable disk. Double-click the card's icon to open its respective file window. Then hold down the option key and drag and drop the desired images from the card to the location of your choice. For detailed instructions, please refer to "Transferring Files on a Macintosh" on page 33 of this user's guide.

When I try to write to a Memory Stick card, an error message appears.

Make sure the Memory Stick lock tab is not in the lock position (see the illustration on page 24). When this tab is in the lock position, the card is locked and therefore write-protected. You cannot write to or delete from the card until you move the tab to the unlocked position.

When I try to write to a SmartMedia card, an error message appears.

Make sure the card's write protection sticker is not covering the write protect area (see illustration on page 21). You cannot write to or delete from the card until you remove the sticker.

When I try to write to a Secure Digital card an error message appears.

Make sure the write protect switch is not in the locked position (see the illustration on page 23). You cannot write to or delete from the card until you move the write protect switch to the unlocked position.

Is my Digital Reader/Writer compatible with Mac OS X?

The ZiO HS Reader/Writers are fully compatible with the latest releases of Mac OS X (versions 10.0.4 and greater). If you are running a version of Mac OS X prior to 10.0.4, please contact Apple for an upgrade.

I connected my ZiO HS Reader/Writer to my Macintosh running Mac OS 9.x. Each time I insert a media card, I see the message: *This disk is unreadable by this computer. Do you want to initialize the disk?* My only options are: *Eject or Initialize*.

This error may appear if your Mac OS 9.x File Exchange control panel is disabled. Click **Eject** so you do not format the media. To enable File Exchange, follow these steps:

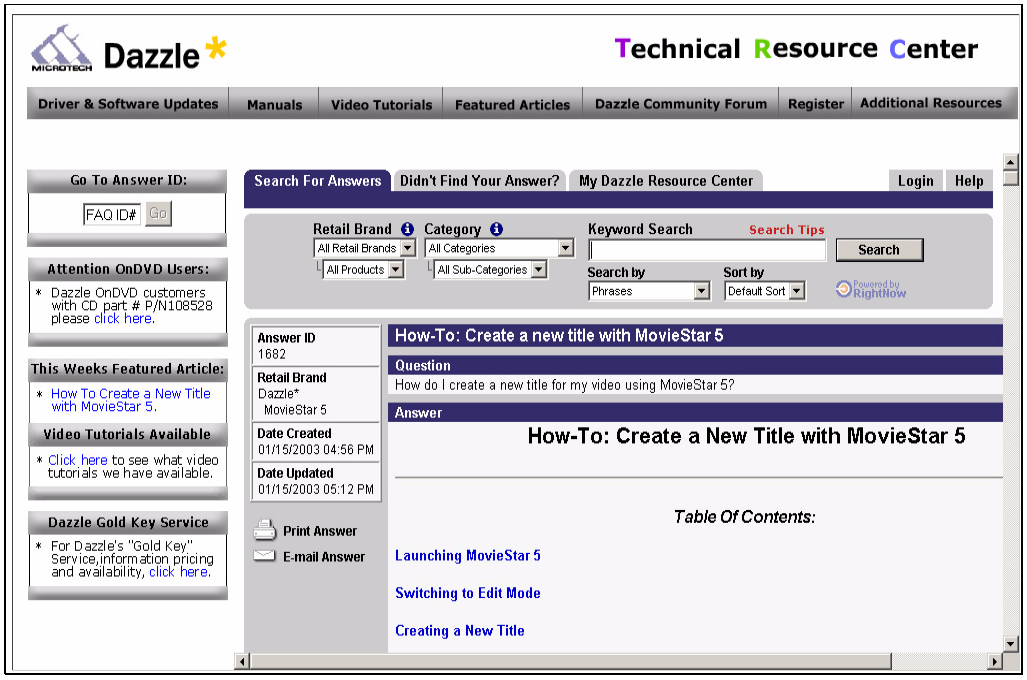
1. Click on the Apple icon and select **Control Panels** from the Apple Menu.
2. Select **Extensions Manager** from the Control Panels drop-down menu.
3. Scroll to the top of the Extensions Manager window and be sure you're looking at the Control Panel section of Extensions Manager.
4. Click in the small square box at the left side of the File Exchange listing.

   This places an **X** in the box and enables the Control Panel.
5. Restart your Macintosh by clicking the **Restart** button located at the bottom of the Extensions Manager window.

Technical Support

Dazzle's North American Technical Resource Center

The Dazzle ZiO HS Reader/Writer is easy to use and normally should not produce complications. However, if you need assistance or have questions of any kind, our trained staff members are ready to help. Visit www.Dazzle.com and use the **Support** menu item to access Dazzle's various support resources. We highly recommend that you use the Dazzle Interactive Knowledgebase as this is the fastest method of accessing support resources for your Dazzle product. E-mail support is also available via our Interactive Knowledgebase.



Dazzle's Technical Resource Center can be reached 24 hours a day 7 days a week.

If you are calling for the first time, or if you are within your 30 day free technical support window (includes the date of your first support call and the 29 days following), contact Dazzle at (203) 315-4230.

If you have extended beyond your free 30 day technical support window, contact Dazzle at (800) 570-9548 (charges apply). We highly recommend having your computer nearby when calling to facilitate troubleshooting.

If you wish to contact Dazzle's Technical Resource Center via fax, you may do so at (203) 483-5985.

Dazzle's European Technical Resource Centers

The Dazzle ZiO HS Reader/Writer is easy to use and normally should not produce complications. However, if you need assistance or have questions of any kind, our trained staff members are ready to help. We highly recommend that you first check the Dazzle Europe website at www.Dazzle-Europe.com or the Dazzle German website at www.Dazzle.de for updates and downloads for your Dazzle product. E-mail support is also available via the Dazzle Europe and German websites.

If you have checked the Dazzle website for updates and downloads and if you have been unable to resolve your difficulties or answer your questions via E-mail, please contact the local technical resource center using the phone numbers provided below.

Germany:

0190 89 5021 (€1, 86/Min)

Austria:

0900 97 1124 (€1, 88/Min)

Switzerland:

0900 57 6003 (SFR 3, 13/Min)

France:

0 825 023 308
(0,118 € /Min) TTC/MN

United Kingdom:

09062 160 180 (25p/Min)

Italy:

If you have checked the Dazzle website for updates and downloads and if you have been unable to resolve your difficulties or answer your questions via E-mail, please contact local support using the phone numbers listed on our website at www.Dazzle-Europe.com. Click the **Support** link and select **Contact** from the provided menu.

Spain:

+34 90 112 0247

SCM Microsystems, Inc. One Year Limited Warranty

Coverage

SCM warrants this hardware product to be free from defects in materials and workmanship for the warranty period. This non-transferable, limited warranty is only to you, the first end-user purchaser. The warranty begins on the date of purchase and lasts for one (1) year, unless otherwise stated on the product packaging.

Excluded Products and Problems

This warranty does not apply to: (a) SCM Software Products; (b) expendable components such as fuses and bulbs; (c) third party products, hardware or software, supplied with the warranted product. SCM makes no warranty of any kind of such products, which, if included, are provided "AS IS." Excluded is damage caused by accident, misuse, abuse, unusually heavy use, use of non-SCM supplied or approved accessories.

Remedies

Your sole and exclusive remedy for a covered defect is repair or replacement of the defective product, at SCM's sole option and expenses, and SCM may use new or refurbished parts or products to do so. If SCM is unable to repair or replace a defective product, your alternate exclusive remedy shall be refund of the original purchase price.

The above is SCM's entire obligation to you under this warranty. IN NO EVENT SHALL SCM BE LIABLE FOR INDIRECT, INCIDENTAL, CONSEQUENTIAL OR SPECIAL DAMAGES OR LOSSES, INCLUDING LOSS OF DATA, USE, OR PROFITS EVEN IF SCM HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. In no event shall SCM's liability exceed the original purchase price of the product. Some jurisdictions do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

Obtaining Warranty Service

You must notify SCM within the warranty period to receive warranty service. You must retain proof of purchase in the form of a dated sales receipt or dated purchase order to confirm your product is still under warranty. Proof that the product is still under warranty is your sole responsibility. SCM does not accept responsibility for tracking your purchase date. For information on warranty service, visit our website at www.dazzle.com; www.microtechint.com; www.scmmicro.com; call 1-203-315-4200; write to Customer Service at 20 Carter Drive, Guilford, CT, 06437,USA; or contact your SCM Dealer. SCM's specific customer support policies (including fees for service) and procedures change as technology and market conditions dictate. SCM reserves the right to change the above stated conditions without any advance notice.

If the SCM representative determines your product is eligible for warranty service, you will be required to return it to SCM packaged sufficiently to avoid damage, shipping prepaid, along with proper identification, a return authorization number provided by the representative, and proof of purchase. Customers located in Latin America may obtain warranty service by returning the SCM product to the dealer where it was purchased.

SCM will not protect, recover, or return data during warranty service so you should duplicate your data before shipment.

Limitations

THE ABOVE WARRANTY IS EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED. To the extent permitted by applicable law, SCM SPECIFICALLY DISCLAIMS ANY IMPLIED WARRANTIES, INCLUDING ANY IMPLIED WARRANTY FOR MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Any implied warranty required by applicable law shall be limited in duration to the express warranty term. Some jurisdictions do not allow disclaimers of implied warranties or limitations on how long an implied warranty lasts, so the above limitation may not apply to you. This warranty gives you specific legal rights and you may also have other rights that vary from jurisdiction to jurisdiction. Any suit for breach of any warranty on your Product must be filed within one (1) year of the first date the suit could have been brought.

SCM Microsystems, Inc., Retail Brands Group, 20 Carter Drive, Guilford, CT 06437